



Course Catalog

2018-2019

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CHRISTIAN BROTHERS HIGH SCHOOL

GRADUATION REQUIREMENTS

ENGLISH: 8-10 semesters

Freshman	Freshman Literature and Composition	2 semesters
Sophomore	Sophomore Literature and Composition	2 semesters
Junior	American Literature	2 semesters
	Mastering the Essay*	1 semester
Senior	Senior Literature electives	2 semesters

*Sophomores who pass the writing exam for Mastering the Essay may enroll in the course but are not required to take the class. Students who do not test out are required to enroll during either the academic year or summer school.

VISUAL AND PERFORMING ARTS: 2 semesters

Freshman/Sophomore	Introduction to Art, Performing Art class (Instrumental or Vocal), Theatre Arts, or Video Production I	2 semesters
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LANGUAGE: 4 semesters*

Freshman	French I, Spanish I, or Mandarin Chinese I	2 semesters
Sophomore	Level II of the same language	2 semesters

*Colleges encourage 6 semesters or more of Language

MATHEMATICS: 6 semesters*

Freshman	Courses are determined by students' ability	6 Semesters
Sophomore		
Junior		
Senior		

*Colleges encourage 8 semesters of math

PHYSICAL EDUCATION: 2 semesters*

Freshman/Sophomore	A year-long P.E. and Health Ed if not enrolled in Media, Visual or Performing Arts or Engineering Program*	2 semesters
OR		
Junior/Senior	Health & Fitness and one other PE elective is taken in consecutive or non-consecutive semesters (including Summer School)	2 semesters

*Students taking four years of Media, Visual and Performing Arts will be required to fulfill the P.E. requirement of 10 credits unless they are able to clearly demonstrate that their commitment to their arts program will not allow them to do so. Student schedules will be reviewed on a case-by-case basis and up to 5 P.E. credits MIGHT BE waived to accommodate such students pending approval of Assistant Principal David Desmond.

RELIGION: 8 semesters

Freshman	Freshman Religious Studies	2 semesters
Sophomore	Sophomore Religious Studies	2 semesters
Junior	Morality Social Justice	1 semester 1 semester
Senior	Comparative Religion and 1 semester elective Religion course	1 semester 1 semester

SCIENCE: 4 semesters*

Freshman	Advanced Physical Science, Accelerated Biology, or Introduction to Engineering Design – placement determined by English and Math placement	2 semesters
Sophomore	Biology unless previously completed Accelerated Biology, then one additional Science course	2 semesters
Junior/ Senior	U.C. eligibility requires Chemistry or Physics in addition to Biology. Advanced Physical Science may fulfill the Physical Science requirement for C.S.U.	

*Colleges encourage 6-8 semesters of science

SOCIAL STUDIES: 7 semesters

Freshman	World History and Geography I	2 semesters
Sophomore	World History and Geography II	2 semesters
Junior	U.S. History	2 semesters
Senior	Civics	1 semester

ELECTIVES: 10-11 semesters

Grade Point Average:

GPA is calculated by finding the sum of the grade points (A = 4, B = 3, C = 2, D = 1) multiplied by the credit value of the class. This total is then divided by the number of credits attempted.

Only Honors* and AP courses are weighted and grade points will be counted as follows:

A = 5, B = 4, C = 3 and D = 1.

*Please note exception: Honors Band, Honors Chorale I, Honors Vocal Jazz, and Honors Painting and Drawing are given extra weight in calculating GPA; however, UC does not weight these courses.

Credits:

A full time student earns 35 credits per semester.

A senior who has previously earned 210 credits may choose to take 30 credits per semester.

Students graduate with a minimum total of 270 credits.

Any "F" grade from transfer students, or a four year student at Christian Brothers, receives no credit and consequently, the course must be repeated in summer school. An "F" grade in courses such as religion, English, math or science will normally have to be repeated with the same course. Summer school may be used to correct a credit deficiency.

With prior written approval by Christian Brothers Administration, credits will be posted on a student's transcript if the credits have been earned at an accredited academic institution.

No home school or independent study grades will be posted on a student transcript.

****Mathematics graduation requirement:** Repeating a math course does not fulfill the graduation credit requirements in math. Students must successfully complete a minimum of three non-repeated years in different math courses.

Physical Education Requirements: All students are required to meet the CB requirement of 10 units of P.E. Students enrolled in a four-year Media, Visual or Performing Arts (MVPA) program (e.g. four years of Choir, four years of Arts, etc.) or a four-year Engineering program for all 4 years at Christian Brothers may have 5 credits of the P.E. requirement waived. **At a minimum, all four-year MVPA or Engineering program students are required to take 5 credits of the course titled Health and Fitness at Christian Brothers High School.** This course may be taken during the school year or in summer school at CBHS.

***Students taking four years of Media, Visual and Performing Arts or Engineering will be required to fulfill the P.E. requirement of 10 credits unless they are able to clearly demonstrate that their academic course load will not allow them to do so. Student schedules will be reviewed on a case-by-case basis and up to 5 P.E. credits may be waived to accommodate such students contingent on approval of an Assistant Principal.

UNIVERSITY OF CALIFORNIA

Admission Requirements

The University of California System uses an admissions index to determine which students comprise the top 9 percent of California high school graduates. Students in this category will be guaranteed admission to a UC campus (not necessarily the students' first choice). The intent of the a-g subject requirements is to ensure that students admitted to the University have mastered the academic subjects and skills needed for undergraduate study. Besides minimum preparations, prospective University students are urged to take a full load of **challenging courses** including **Honors level** and **Advanced Placement** courses. It is important that students take the most challenging courses they can complete successfully. Students should also prepare well for the ACT or SAT tests, as well as the SAT Subject area tests (if they choose to take them). The required minimum for eligibility for admission is a GPA is 3.0; however, realistically, most students need at least a 3.5 GPA in the required and recommended curriculum. Several UC campuses and majors have higher minimum standards for admission. Students entering UC must submit scores on an approved core test of mathematics, critical reading, and writing. This requirement can be satisfied by taking either of the following:

The ACT Assessment plus the optional Writing Test, or

The SAT (evidence-based reading, mathematics and the optional Writing Test)

In addition, all applicants **may** complete SAT Subject Tests in different subject areas: History/ Social Science, English Literature, Mathematics, Laboratory Science or Language other than English.

Are specific SAT subject tests required for admission to certain campuses or majors?

No *Beginning with the Class of 2012, students are no longer mandated to take these tests and you will not be penalized for failing to take the SAT Subject Tests.* On the other hand, submission of test scores may add positively to the review of your application. Students may submit scores if they showcase academic mastery, just as Advanced Placement scores show ability and subject mastery. Competitive majors on some campuses may recommend particular SAT Subject Tests to demonstrate subject proficiency (details are posted on the UC website.) Students are urged to take relevant SAT Subject Tests immediately upon completion of associated courses, particularly if the subject area is related to an intended major. Again, students are urged to check campus web sites for the latest testing information. UC will NOT accept the Math Level I subject exam (only Math Level II).

If a student takes the ACT or SAT more than once, will the University use the highest score? Yes

The University uses the highest scores from a single testing administration.

UNIVERSITY OF CALIFORNIA

Admission Requirements

<u>SUBJECT</u>	<u>MINIMUM REQUIREMENT</u>
a) History/Social Science	Two years (1 US History, 1 World History)
b) English	Four years including frequent writing
c) Mathematics	Three years (including Algebra II); <i>four years recommended.</i>
d) Laboratory Science	Two years (1 year Life; 1 year Physical); <i>three years recommended.</i> (Must be Biology and either Chemistry or Physics)
e) Foreign Language	Two years ; <i>three years or more recommended.</i>
f) Visual And Performing Arts	One year (Must be a year-long course)
g) Approved Electives	One year ; <i>more recommended.</i>

Grades of C or above in each subject area are the required minimum for both the U.C. and C.S.U. systems. All D's and F's in a-g approved courses must be remediated.

If the number of applicants exceeds the spaces available, the University uses criteria that exceed the minimum requirements to select students. Therefore, meeting the minimum requirements is not always enough to gain admission to a preferred UC or CSU campus.

To find out more about both subject and scholastic requirements, go to the University of California website www.universityofcalifornia.edu.

CALIFORNIA STATE UNIVERSITY

Admission Requirements

The CSU system is designed for the top one third of all graduating high school students. The UC and CSU systems requirements and admission criteria are in alignment. The minimum requirement is a 2.0, although most students need a 3.0 GPA in the required and recommended curriculum. The SAT or ACT becomes crucial in determining eligibility once the GPA drops below a 3.0 in the required coursework. Several CSU campuses and majors have more competitive standards. Admission to California State University is becoming more competitive each year. The number of campuses that are impacted continues to rise. For more information and profiles of admitted students (GPA, test scores, etc.), go to www.csumentor.edu.

<u>SUBJECT</u>	<u>REQUIREMENT</u>
a) History/Social Science	Two years (1 US History, 1 World History)
b) English	Four years
c) Mathematics	Three years (including Algebra II)
d) Laboratory Science	Two years (1 year Life; 1 year Physical)
e) Foreign Language	Two years
f) Visual and Performing Arts	One year (Must be a year-long course)
g) Approved Electives	One year (Note: Advanced Physical Science will fulfill the 1 year Physical Science Requirement)

COURSE OFFERINGS

2018-2019

Academic Programs

Foundational College Prep Support Program

Foundational College Prep (FCP) is a two-year, support-based program offered during freshman and sophomore years. The program is uniquely designed to meet the individual academic needs of students who meet the minimum requirements for admission to Christian Brothers but are in need of remediation in language arts and reading skills, specifically in the core subjects of English and Social Studies. It also has a Study Skills component predicated on developing the skills of time management, note-taking, and active reading. The program begins in the summer with a four-week probationary session which candidates must pass prior to full matriculation in the fall semester of the ninth grade. Requisite for acceptance into this program are strong letters of recommendation from 8th grade teachers who identify particular merit in the candidate's character, work ethic, and potential to succeed within a college-prep curriculum.

College Prep Program

The College Prep (CP) program is a robust, four-year curriculum that prepares students for entrance to a four-year college or university. The majority of students meet qualifications for our rigorous college prep program. CBHS graduation requirements ensure that students are college-ready.

Accelerated College Prep Program

The CB Accelerated College Prep (ACP) program challenges high-achieving students with rigorous course offerings. Accelerated and Honors courses are preparatory courses for Advanced Placement and university courses. Those colleges and universities which make use of Honors and Advanced Placement credits may or may not add Honor credits according to their own policies. The most selective colleges and universities expect that students will successfully complete Honors and Advanced Placement courses.

Information Regarding

Advanced Placement (AP) Courses

Christian Brothers participates in the nationwide **Advanced Placement** program of college level instruction in high school by offering Advanced Placement courses. Students enrolling in Advanced Placement courses must meet stated course and grade prerequisites and departmental approval. To maximize the likelihood of successfully completing these courses, students must evidence strong academic skills, high test scores, consistency of performance and self-discipline. Advanced Placement courses are designed to prepare students for the AP exam. Students who do well on the AP exam may qualify for college credit upon entrance at participating colleges.

Since the culmination of these courses is the Advanced Placement examinations given in May, *Christian Brothers requires all students enrolled in an Advanced Placement course to sit for the Advanced Placement examination in that subject, and are responsible for the cost of each examination.*

ENGINEERING

Christian Brothers Engineering program seeks to foster interest and engagement in STEM (Science, Technology, Engineering, and Mathematics) subject areas and encourage students to consider engineering as a career. Our program utilizes curriculum developed by Project Lead the Way (PLTW). The engineering pathway promotes critical thinking, creativity, innovation, and real-world problem-solving skills in students. The hands-on, project-based program engages students on multiple levels, and exposes them to non-traditional areas of study.

Introduction to Engineering Design (IED)	10 credits/year
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Prerequisites: Acceptance into the *Pathway to Engineering Program* and completion or concurrent enrollment in Algebra I.

Introduction to Engineering (IED) is the first of two foundational courses in the *Pathway to Engineering Program* at CBHS. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. Units include Design Process, Technical Sketching & Drawing, Measurements & Statistics, Modeling Skills, Geometry of Design, Reverse Engineering, Advanced Computer Modeling, Design Team and Challenges.

Fulfills UC/CSU "g" elective requirement.

Principles of Engineering	10 credits/year
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Prerequisites: A 'C-' (70%) or better in Introduction to Engineering Design; POE students must be concurrently enrolled in Geometry or higher, or have completed Geometry with a 'C' (73%) or better.

Principles of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. This course challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills based upon engineering concepts. Students will employ engineering and scientific concepts in the solution of engineering design problems; develop problem-solving skills; and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. Fulfills UC/CSU "g" elective requirement.

Civil Engineering and Architecture	10 credits/year
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Prerequisites: A 'C-' (70%) or better in Introduction to Engineering Design and Principles of Engineering.

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building and site design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry. Students will apply math,

science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. Fulfills UC/CSU “g” elective requirement.

Aerospace Engineering	10 credits/year
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Prerequisites: A ‘C-’ (70%) or better in Introduction to Engineering Design and Principles of Engineering.

This course advances students’ learning in the fundamentals of atmospheric and space flight. Students learn and then model the physics of flight by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. Students also apply aerospace concepts to alternative applications such as a wind turbine and parachute. Students simulate components of planetary exploration, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot. Fulfills UC/CSU “g” elective requirement.

AP Computer Science A	10 credits/year
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This course offering is dependent on enrollment.

Prerequisites: A ‘B-’ (80%) or better in Honors Algebra II or an ‘A-’ (90%) in Algebra II, Pre-Calculus, or Introductory Statistics and the recommendation of the current math instructor.

This course is equivalent to the first semester of a college level Computer Science course. The course is built around the development of computer programs in the java language. The programs include design features that make them understandable, adaptable, and reusable. Computer programs are used as a context for introducing other important concepts including fundamental data structures, standard algorithms, and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course. Students will take the Advanced Placement Examination at the end of the year. Fulfills the UC/CSU “g” elective requirement.

ENGLISH

Course offerings are dependent upon enrollment class size criteria set by the administration.

Freshman Level

Placement is based on the High School Placement Test, writing sample, and transcript.

Accelerated Freshman Literature and Composition	10 credits/year
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This course is structured around a literature-based writing curriculum. The emphasis is developing higher level reading, writing, speaking and listening skills. Students will study major works of literature from Ancient Greece and the Renaissance; in addition, students will also study selected modern poetry and short stories. Major emphasis will be on the three steps of formal composition: pre-writing; writing; revising. Students compose both creative and critical documents. Students will also work collaboratively on various projects. This course is taught in conjunction with Accelerated World History and Geography curriculum. Fulfills UC/CSU “b” subject requirement.

CP Freshman Literature and Composition	10 credits/year
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The main purposes of this course are to build the student’s writing and language skills, to develop reading comprehension and enjoyment of literature, and to improve study habits. Literature study focuses on the elements in short works of varied genres - novella, short story, drama (including Shakespeare), nonfiction, and poetry. The course reading list emphasizes works of action, adventure, and mystery. Major emphasis in written work is on becoming familiar with the three-stage process of writing: pre-writing; writing; revising; in addition, revising diction, grammar, punctuation, mechanics, and format are also of particular focus. Students enrolled in this course are required to be in the CP World History and Geography I course. Fulfills UC/CSU “b” subject requirement.

FCP Freshman Literature and Composition	10 credits/year
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The main goals of this course include the continuing development of writing and language skills, the enhancement of reading comprehension, and the improvement of study habits. Literature study focuses on the short story, novel, drama, nonfiction, and poetry. The three-stage process of writing: pre-writing, writing, revising, is the major emphasis for composition. Grammar and mechanics, vocabulary, and spelling are taught in context with all reading and writing. Study skills units include the use of reference books, outlining, and note-taking. Students enrolled in this course are required to be in the FCP World History and Geography I course. Fulfills UC/CSU “b” subject requirement.

FCP Study Skills/Reading Lab	10 credits/year
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This course is required for freshmen students in the FCP program. This one-year course covers three main areas: study skills, writing skills, and nonfiction reading skills. The study skills component gives students practice in note taking, goal setting, organization, time management, test taking strategies, and interpersonal communication strategies. The writing component

focuses on improving sentence-level writing errors and reinforces the written work completed in literature classes. The ongoing practice of nonfiction reading skills provides a year-long framework for the course. Students will complete activities in reading comprehension, vocabulary, and concentration through an online reading program called Reading Plus. It is expected that students will be reading and writing at or above grade level upon completion of the course.

Sophomore Level

Placement is made in consultation with each student's Freshman English teacher.

Honors Sophomore Literature and Composition	10 credits/year
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Prerequisites: An 87% or higher in both semesters of Accelerated Freshman Lit & Comp, or a 95% or higher in both semesters of CP Freshman Lit & Comp, plus the recommendation of the English Dept. (The first semester grade requirement may be waived if the student has demonstrated significant writing skill improvement in the second semester.) In addition, matriculation into or continuation in the accelerated curriculum will be based significantly on the student's critical thinking and writing skills as demonstrated through portfolio assessment. Students may be asked to take an additional writing exam for final academic level determination.

This course is structured around a literature-based writing curriculum, in addition to an introduction to rhetorical analysis. Students read and analyze both fiction and non-fiction as they develop high level reading, writing, speaking, and listening skills. The literature selections correspond with historical events from the eighteenth century French Revolution to the Rwandan genocide of the late twentieth century, and are intended to expand and enrich students' knowledge and understanding of these times and places. Fulfills UC/CSU "b" subject requirement. This course receives CBHS honors credit; UC and CSU do not grant honors credit for this course.

CP Sophomore Literature and Composition	10 credits/year
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This course expands the writing and reading skills addressed in the freshman year. The literature program continues work on reading comprehension, introduction to literary analysis and comparison, and development of the student's appreciation of literature, both as a means of entertainment and a source of questioning and insight. Literary selections emphasize human relationships and personal growth, and discussion of these works is strongly encouraged. Forms studied are the novel, the short story, poetry, the essay, and drama. The phases of the writing process are reviewed, along with strategies for developing unified, coherent essays. Beyond this review, major attention is given to expanding one's insights and word choice. Fulfills UC/CSU "b" subject requirement.

FCP Sophomore Literature and Composition	10 credits/year
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This course is intended to expand upon those skills addressed in FCP Freshman Literature and Composition. These skills include the development of writing and language, the enhancement of reading comprehension, and the improvement of study habits. Literature selections include short stories, novels, drama, nonfiction, and poetry. The stages of the writing process are reviewed and particular attention is focused on the individual as a writer. Fulfills UC/CSU "b" subject requirement.

Junior Level

Placement in American Literature is based on achievement in Sophomore Lit classes.

Honors American Literature	10 credits/year
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Prerequisites: An 87% or higher in both semesters of Honors Sophomore Lit & Comp, or a 95% or higher in both semesters of CP Sophomore Lit & Comp plus the recommendation of the English Dept. (The first semester grade requirement may be waived if the student has demonstrated significant writing skill improvement in the second semester.) In addition, matriculation into or continuation in the accelerated/honors curriculum will be based significantly on the student's critical thinking and writing skills as demonstrated through portfolio assessment. Students may be asked to take an additional writing exam for final academic level determination. The Honors American Literature course provides qualified students with an opportunity to critically analyze the various genres of American Literature. Students are expected to read a minimum of forty pages per night; major emphasis will be placed on student participation in both formal and informal class discussions. The study of the various genres is supported by written analysis. Students are expected to have a sound grasp of the writing process, and the major emphasis for the writing portion of this class will focus on the development of voice and style. Attention will also be placed on syntax and vocabulary studied throughout the year. This is an interesting and challenging course which will prepare select students for Advanced Placement English courses.

Fulfills UC/CSU "b" subject requirement.

CP American Literature	10 credits/year
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The focus of this course is an exploration of American literature. Through extensive reading, discussion, and writing, the student explores both the thought and the expression of American writers. Various facets of the American "consciousness" are examined as they have been treated in novels, short stories, drama, nonfiction, and poetry. Attention is also given to the evolution of American literature - to major literary figures and to the schools of writing and thinking they embody - as well as to the genre style and artistic style of the works. The emphasis is on developing analytical skills and writing skills as well as an understanding of the evolution of American Literature. Within the framework of the literature program, this course addresses various writing, speaking, and language arts skills, chief among these being essay, creative writing, group discussion, and vocabulary development. Fulfills UC/CSU "b" subject requirement.

Mastering the Essay - REQUIRED UPPER DIVISION COURSE	5 credits/semester
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Students who demonstrate competency in Mastering the Essay will be given the opportunity to test out of this course. While students who test out of Mastering the Essay are encouraged to take an additional writing elective, they will not be required to do so. Mastering the Essay is designed to prepare students for the writing they will do in college. The course offers a comprehensive foundation in English grammar and structures of expository writing. Students will read and practice persuasive, narrative, analytical, and expository forms, keep a daily journal, and conduct effective academic discourse in class discussion. Students will learn how to recognize the rhetorical strategies writers use to formulate their arguments, as well as how to use those strategies to strengthen their own essays. The course provides opportunities to write time in-class essays, as well as researched arguments and polished final drafts. Fulfills UC/CSU "g" elective requirement.

Senior Level

Seniors will take two of these six potential semester courses

Senior students not enrolled in an AP English course will enroll in 2 required 5-credit English courses to fulfil their senior English graduation requirement. Students will select their top two choices and two alternates out of the six course offerings. Scheduling may prohibit a student from receiving his/her first or second choice of English courses.

Dystopian Literature	5 credits/semester
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This one semester course will use dystopian literature (including novels, short stories, and essays) and current films and news programs as a springboard for examining contemporary issues. Students will read, analyze text, synthesize the information from various pieces of text, research, write essays, and create multimedia presentations. This class is designed to get students not only to read and understand dystopian literature, but learn how to recognize elements of the literature in our own society and in other cultures. Major assessments for this course will include two or more formal essays and two or more in-class essays adhering to 12th grade standards for content, development, diction, syntax, and format. This course fulfills UC/CSU “b” subject requirement.

The Literature of Comedy	5 credits/semester
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This one semester course challenges students to go beyond the “joke” and examine the crucial role that comedy has played in cultures throughout time. Whether as a form of entertainment, political or social criticism, or ethnic and gender stereotypes, comedy serves as a lens through which to define self, critique societal norms, and challenge stereotypes. Students will examine the historical roots of the comedic form and genre, as well as study comedic texts, both past and present. As a result of this examination, students will be better able to evaluate the ongoing role of humor to bridge differences, while also being exposed to the hypocrisies and foibles of the human condition.

Major assessments for this course will include two or more formal essays and two or more in-class essays adhering to 12th grade standards for content, development, diction, syntax, and format. This course fulfills UC/CSU “b” subject requirement.

African American Literature	5 credits/semester
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In this one semester course, students will read, analyze, and discuss literary works written by African American authors. Students will begin with works written by enslaved African Americans. This course covers writings of Reconstruction, the Harlem Renaissance, black realism, modernism and postmodernism. Students will develop an understanding of African American oral tradition, folklore and music. Student will examine how racial and ethnic groups have resisted and struggled to create their own form of cultural identity through conflict and through reconstruction over time. Students will develop critical thinking skills through discussion of the unique aspects of African American experience in literature, as well as develop writing skills through essay assignments of the African American theory of racism and racialization in literature. Major assessments for this course will include two or more formal essays and two or more in-class essays adhering to 12th grade standards for content, development, diction, syntax, and format. Fulfills UC/CSU “b” subject requirement.

Film as Literature**5 credits/semester**

This one semester course studies film as a cultural phenomenon, art form, business and technology. Students hone their ability to use a visual text, while studying basic techniques of filmmaking, the history of film as it reflects societal values and culture, and focus on a selected genre as a conversational starting point, while examining major auteurs and cross-cultural references that impact film and culture today. Films are screened from a variety of eras to develop a new appreciation for this most contemporary and powerful of art forms. Through discussions, presentations, reading, extensive reflective, expository, and critical writing across a diverse set of films, students will understand film as art and composition, and as literature. Students will reflect on the issues and challenges that film presents and the powerful impact film has on society. Major assessments for this course will include two or more formal essays and two or more in-class essays adhering to 12th grade standards for content, development, diction, syntax, and format. Fulfills UC/CSU “b” subject requirement. This course is not NCAA approved.

Women’s Literature**5 credits/semester**

This one-semester course will focus on how the literature of women writers reflects the politics and events of their time. Students will read novels, short stories, poetry and informational texts to examine how women authors have explored the female role in societies through history and throughout the world. The curriculum of this course is based on critical reading, discussion, researched argument, rhetorical strategy analysis, literary analysis, and process writing from brainstorming through final draft. Fulfills UC/CSU “b” subject requirement..

AP Literature and Composition**10 credits/year**

Prerequisites: An 87% or higher in both semesters of Honors American Lit., or a 95% or higher in both semesters of American Lit, plus the recommendation of the English Dept. (The first semester grade requirement may be waived if the student has demonstrated significant writing skill improvement in the second semester.) In addition, matriculation into the Advanced Placement curriculum will be based significantly on the student’s critical thinking and writing skills as demonstrated through portfolio assessment. Students may be asked to take an additional writing exam for final academic level determination.

The Advanced Placement English Literature course provides those students qualified with an opportunity to experience a college-level class as well as eligibility to receive college credit. Students learn to read and comprehend historical college-level poetry, plays, novels, and short stories written at various times in various cultures. They learn how to discover meaning in literature by being attentive to language, imagery, character, action, argument, and the various techniques and strategies authors use to evoke emotional responses from readers. Students are expected to justify their interpretations by reference to details and patterns found in the text, to compare their interpretations with those proposed by others (teachers, classmates, and published literary scholars), and to be prepared to modify their own interpretations as they learn more and think more. Writing in this course is focused on the expository essay both formal and informal. The students will take the College Board Advanced Placement Examination at the end of the year. Fulfills UC/CSU “b” subject requirement.

AP Language and Composition	10 credits/year
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Prerequisites: An 87% or higher in both semesters of Honors American Lit., or a 95% or higher in both semesters of American Lit, plus the recommendation of the English Dept. (The first semester grade requirement may be waived if the student has demonstrated significant writing skill improvement in the second semester.) In addition, matriculation into the advanced placement curriculum will be based significantly on the student’s critical thinking and writing skills as demonstrated through portfolio assessment. Students may be asked to take an additional writing exam for final academic level determination.

AP Language and Composition is a college-level curriculum that emphasizes persuasive writing and nonfiction textual analysis. Students regularly practice timed writing exercises in each term to prepare for the form and rigor of the AP exam at the end of the school year. This course is a comprehensive study of writing style, structure, and rhetoric. Students apply a working vocabulary of schemes, tropes, and logical fallacies to their analysis of the rhetorical devices in literary, argumentative, and persuasive texts. Extensive class discussions engage students in elevated academic discourse and support critical thinking and peer collaboration in response to material. Students also apply the rules of formal debate structures such as Lincoln-Douglas in order to support persuasion and argument skills. The students will take the College Board Advanced Placement Examination at the end of the year. Fulfills UC/ CSU “b” subject requirement.

Senior Writing Elective - *Open to seniors only.*

Creative Writing	5 credits/semester
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Prerequisite: Recommendation of American Literature teacher.

This course is designed for serious writing students who would like to take their writing to the next level. Through various projects, students will produce writing based upon observation, imagination, and imitation. Students will learn to appreciate one another’s talents through reading their works aloud. By the end of the course they will have a portfolio of their works which will serve as a foundation for a lifelong collection of their writing. Fulfills UC/CSU “g” elective requirement.

MATHEMATICS

Course offerings are dependent upon class enrollment criteria set by the administration.

**A TI-84 graphing calculator is required for all mathematics courses.
No other types of graphic calculators are permitted.**

Accelerated Math 2	10 credits/year
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Prerequisite: A 'B+' (87%) or better in Integrated Math 1 and teacher recommendation. Students may be asked to test in to this course. Open to freshmen only.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This is a course designed for those students who have successfully completed Integrated Math 1 in the 8th grade. The course covers the CCSS Geometry Standards and CCSS Algebra I Standards not covered in Math 1. These include, but are not limited to, congruence, similarity, circles, trigonometry, exponential functions, polynomial functions, factoring, quadratics, and rational functions. Upon successful completion, students with a 'B' or better will be placed in Honors Algebra 2. Fulfills UC/CSU "c" subject requirement.

Algebra I Readiness	10 credits/year
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Placement is by testing.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

The purpose of this remedial course is to strengthen basic math foundations while covering pre-Algebra concepts. The goal of this course is to prepare students to take Algebra I the following year. Concepts covered include operations with whole numbers, integers, fractions, decimals, and polynomials. In addition, solving simple equations, square roots, exponents, percents, interpreting graphs, ratios, and proportions will be covered.

Algebra IA	10 credits/year
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Prerequisite: Placement by testing.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course covers the first semester of a traditional Algebra I course in a full year. Algebra IA and IB together fulfill the UC/CSU "c" subject requirement.

Algebra IB	10 credits/year
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Prerequisite: A 'C-' (70%) or better in Algebra IA and/or teacher recommendation.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course covers the second semester of a traditional Algebra I course in a full year. Algebra IA and IB together fulfill the UC/CUS "c" subject requirement.

Algebra I**10 credits/year**

Prerequisite: Placement by test and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This is a standard Algebra I course. The topics include equations and inequalities, integers, absolute value, rational numbers, exponents, polynomials, factoring linear equations and graphs, systems of equations, quadratic equations, radical expressions and equations, and rational expressions and equations. Fulfills UC/CSU "c" subject requirement.

Accelerated Algebra I**10 credits/year**

Prerequisite: Placement by test and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course follows the same content and approach as Algebra I with more breadth and depth. In particular, the relationships between functions and their graphs are emphasized. Application problems are explored in detail. Key problems are extended to show the connections between fundamental algebra and advanced topics and applications from Algebra II and Pre-Calculus. Fulfills UC/CSU "c" subject requirement.

NOTE: *Incoming freshman currently studying Algebra I or Geometry in eighth grade may be placed initially in Algebra I, Accelerated Algebra I, or Honors Geometry. Students who may be ready to begin the next course above their placement may choose to take a challenge test in May.*

Geometry**10 credits/year**

Prerequisite: A 'C-' (70%) or better in Algebra I or Algebra IA and Algebra IB and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

The Geometry course will help the student to develop skills in logical reasoning and further understanding of spatial relationships. Topics include area, angles, polygons, congruence, similarity, right triangle trigonometry, circles, proof (explaining), and three-dimensional figures. Algebra is integrated throughout the course. This course is essential in the natural transition from the concrete skills of Algebra I to the greater emphasis on abstract reasoning required in higher level courses. Fulfills UC/CSU "c" subject requirement.

Honors Geometry**10 credits/year**

Prerequisite: An 'A' (93%) in Algebra I or 'B' (83%) or better in Accelerated Algebra I or placement by test and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

Honors Geometry is a course designed to follow Accelerated Algebra I. Success requires strong arithmetic and algebra skills. The course includes all concepts taught in geometry plus elements of coordinate and transformational geometry that help to prepare the advanced student for future work in analytic geometry. Spherical geometry topics will be introduced. Algebra is integrated throughout the course. The course is essential in the natural transition from concrete skills of Algebra I to the greater emphasis on abstract reasoning required in higher level courses.

Fulfills UC/CSU “c” subject requirement. This course receives CBHS honors credit; UC and CSU do not grant honors credit for this course.

Algebra II A	10 credits/year
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Prerequisite: A ‘C-’ (70%) or better in Algebra I and Geometry. Seniors must also have the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course covers the first semester of a traditional Algebra II course in a full year. Algebra IIA and IIB fulfill one year of the UC/CSU “c” subject requirement. Students must complete the subsequent Algebra IIB course to meet UC/CSU eligibility requirements.

Algebra II B	10 credits/year
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Prerequisite: A ‘C-’ (70%) or better in Algebra IIA and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course covers the second semester of a traditional Algebra II course in a full year. Algebra IIA and IIB fulfill one year of the UC/CSU “c” subject requirement.

Algebra II	10 credits/year
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Prerequisite: A ‘B-’ (80%) or better in Algebra I and Geometry, or a ‘C+’ (77%) in Accelerated Algebra I and a ‘B’ in Geometry, or a ‘C’ (73%) in Accelerated Math 2, and the recommendation of the current instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course reinforces and extends the concepts taught in Algebra I and Geometry. In addition to deepening students’ understanding of the complexity of functions, new topics introduced in the course include functions, complex numbers, rational exponents, logarithms, quadratic relations, and probability. The work prepares students to continue their formal studies in Pre-Calculus, Statistics, or Computer Science and provides a solid basis for college disciplines which are not mathematics intensive for those who do not elect to take math in their senior year. Fulfills UC/CSU “c” subject requirement.

Honors Algebra II	10 credits/year
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Prerequisite: A ‘B’ (83%) in Accelerated Math 2, or Accelerated Algebra I and Honors Geometry and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course prepares the student for Honors Pre-Calculus and other courses of study that are math-intensive. The topics covered will include, but not be limited to, those in Algebra II as described above. Each topic will be presented with emphasis on understanding the abstract concepts involved. Problems assigned will be generally more challenging than those in standard courses. Fulfills UC/CSU “c” subject requirement. This course receives CBHS honors credit; UC and CSU do not grant honors credit for this course.

Introductory Statistics**10 credits/year**

Prerequisite: A 'C' (73%) or better in Algebra II (both semesters) and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

Today, college students from almost all fields of study are required to take at least one course in statistics. This course will draw its examples and exercises from a range of real life applications. The course will cover four general topics: Descriptive Statistics, Probability, Sample Survey and Design of Experiments, and Inferential Statistics. Fulfills UC/CSU "g" elective requirement.

Pre-Calculus**10 credits/year**

Prerequisite: A 'B-' (80%) or better in Algebra II and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course will include review of the concepts from Algebra II. The major emphasis will be the introduction of skills necessary for success in Calculus with emphasis on trigonometry, infinite series, and graphing of a variety of functions in rectangular and polar coordinates. This course is recommended for the student planning to enter the field of business administration as well as those going into math or science related fields. Fulfills UC/CSU "c" subject requirement.

Honors Pre-Calculus**10 credits/year**

Prerequisite: A 'B' (83%) or better in Honors Algebra II, or an 'A-' (90%) in Algebra II and recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course is designed so that students who successfully complete it will be prepared to take calculus or any other advanced mathematics course. Modern technology has evolved to the stage that allows students to explore realistic applications. The presentation will use methods that focus on problem solving and encourage generalizations based on strong geometric evidence. Topics covered include relations, functions, and analytic geometry. Most topics will be explored in conjunction with their applications in business, economics, or science. This is a very rigorous, demanding course. Fulfills UC/CSU "c" subject requirement.

Calculus**10 credits/year**

Prerequisites: A 'B-' (80%) or better in Honors Pre-Calculus, or a 'B' (83%) in Pre-Calculus and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course introduces topics covered in a first-semester college calculus course. Students will be expected to have strong algebra skills and be familiar with trigonometric concepts. Topics covered will include the concepts of continuous functions, limits, derivatives of algebraic and trigonometric functions, analytic geometry, the beginnings of integration, and applications of all of the above. Fulfills UC/CSU "c" subject requirement.

AP Calculus AB**10 credits/year**

Prerequisite: A 'B' (83%) or better in Honors Pre-Calculus or an 'A-' (90%) in Pre-Calculus and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This full year course is comparable to the first two quarters of a college calculus course. The curriculum is determined by topics covered on the AP Calculus A/B test. Students will be expected to have a very complete understanding of Algebra II concepts and be familiar with trigonometry. Topics explored will include the concepts of limits, infinite series, derivatives of algebraic functions, integration, analytic geometry, and applications of all the above. This course is rigorous and demanding. Students will take the Advanced Placement Examination at the end of the year.

Fulfills UC/CSU "c" subject requirement.

AP Calculus BC**10 credits/year**

Prerequisite: A grade of 'B' (83%) or better in AP Calculus AB, or a grade of 'A-' (90%) in Calculus and recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This full year course is roughly equivalent to both first and second semester college calculus courses. All of the topics in Calculus AB are included as well as infinite series and multi-variable calculus. This course is modeled upon a comparable full year college calculus course. The course concludes with a college-level assessment, the AP Calculus B/C exam.

Personal Finance**10 credits/year**

Prerequisite: Open to juniors and seniors.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

The objective of this course is to provide students with basic financial tools and knowledge that will enable them to build the lives they envision. The course will cover financial responsibilities, planning for the future, budgets, income and careers, spending and credit, saving and investing.

The main focus is to understand how to plan for the future by planning for today. Fulfills the UC/CSU 'g' elective requirement.

AP Computer Science A**10 credits/year**

This course offering is dependent on enrollment.

Prerequisites: A 'B-' (80%) or better in Honors Algebra II or an 'A-' (90%) in Algebra II, Pre-Calculus, or Introductory Statistics and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course is equivalent to the first semester of a college level Computer Science course. The course is built around the development of computer programs in the java language. The programs include design features that make them understandable, adaptable, and reusable. Computer programs are used as a context for introducing other important concepts including fundamental data structures, standard algorithms, and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course. Students will take the Advanced Placement Examination at the end of the year. Fulfills the UC/CSU "g" elective requirement.

AP Statistics	10 credits/year
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Prerequisites: A 'B-' (80%) or better in Honors Algebra II or an 'A-' (90%) in Algebra II, Pre-Calculus, or Introductory Statistics and the recommendation of the current math instructor.

A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.

This course is equivalent to the first semester of a college level Statistics course. The purpose is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data by describing patterns and departures from patterns, planning and conducting studies and experiments, exploring random phenomena using probability and simulation, and statistical inference via estimating population parameters and testing hypotheses. Students will take the Advanced Placement Examination at the end of the year. Fulfills the UC/CSU. "c" subject requirement.

MEDIA, VISUAL AND PERFORMING ARTS

Course offerings are dependent upon enrollment class size criteria set by the administration.

All courses listed under Media, Visual and Performing Arts may be used to satisfy the Media, Visual and Performing Arts graduation requirement.

Visual Arts Offerings

Introduction to Art	10 credits/year
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Required course (taken freshman or sophomore year) for students not enrolled in a performing art.

This course offers students an introduction to the visual arts. Along with the theory involved in understanding the visual arts, the students will receive hands-on experience with various visual arts media. Students will develop their skills in various two-dimensional assignments including pencil, colored pencil, tempera paint, and pastel. Fulfills UC/CSU "F" subject requirement.

Art Survey I	5 credits/semester
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Prerequisite: Introduction to Art with a 'B+' (87%) or better or instructor permission.

This course is a continuation of the concepts of drawing and painting addressed in Introduction to Art. Students will expand their use of mediums to acrylic painting, chalk pastel, oil pastel, charcoal, and many others. This course can be used in preparation for the additional advanced courses offered. Fulfills UC/CSU "F" subject requirement.

Advanced Painting	5 credits/semester
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Prerequisite: A 'B+' (87%) or better in Art Survey I and instructor permission.

This course is a continuation of the study of acrylic painting that was introduced in Art Survey I. The course is for the highly motivated painting student who wants to continue his or her development. The student's work will be critiqued by the instructor on a regular basis. Fulfills UC/CSU "F" subject requirement.

Advanced Painting II	5 credits/semester
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Prerequisite: A 'B+' (87%) or better in Advanced Painting.

This course continues the study of acrylic painting after the completion of Advanced Painting 1. The course is for the student who wants to develop his or her painting skills at an advanced level. The student's work will be critiqued on a regular basis. Gallery visits and submission to local art shows are mandatory.

Art Survey II	5 credits/semester
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Prerequisite: A 'B+' (87%) or better in Introduction to Art, Art Survey I.

This class is designed for students who want to take their drawing skills to another level. We will approach drawing in a formal traditional format much as one would experience in a college level

drawing class. The course will go into depth on both gesture and contour drawing with various mediums such as pencil, charcoal, pastels, and paint. Fulfills UC/CSU "P" subject requirement.

Ceramics Ia	5 credits/semester
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Prerequisite: Successful completion of Introduction to Art or instructor permission. This is an introductory course for student interested in ceramics. Students will learn about the fundamentals of handling clay, wedging, kiln firing, and glazing. The course will focus on four fundamental ceramics techniques: hand building, coil and slab construction, and throwing. While working with these techniques the overall theme will be sculpture and design. Cost of the supplies will run approximately \$50. Fulfills UC/CSU "P" subject requirement.

Ceramics Ib	5 credits/semester
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Prerequisite: A 'B+' (87%) or better in Ceramics Ia, and instructor permission. This class will allow the student to focus on one or more of the techniques learned in Ceramics Ia. Students will be expected to develop a specific plan for projects to be completed. Students in the class will be working in the same classroom with Ceramics Ia students. The course will include more advanced sculpture activities and glaze work. Cost of the supplies will run approximately \$50. Fulfills UC/CSU "P" subject requirement.

Honors Painting and Drawing	10 credits/year
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Prerequisite: A 'B+' (87%) or better in Introduction to Art and Art Survey I/II, or permission of instructor. Open to upper division students only. First priority will be given to seniors.

This course is for the advanced, motivated art student who wants to refine his or her drawing and painting skills and techniques. The student will work in a variety of media and will be guided to develop ideas and explore methods for personal expression and creativity. Figure drawing, still life drawing, and other forms of drawing from observation will be completed. Completion of a portfolio for final review will be required. The student's work will be critiqued by the instructor on a regular basis. Fulfills UC/CSU "P" subject requirement. This course receives CBHS honors credit; UC and CSU do not grant Honors credit for this course.

Performing Arts Offerings

Concert Band/Beginning Band	10 credits/year
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Prerequisite: Concert Band: Open to all Woodwind and Brass players with a minimum of one year of instruction on their instrument or instructor's permission. Percussion spots are limited and students must audition before registering. Beginning Band: Open to all students.

This course is a performance-type class, rehearsing daily for three to four major concerts each year, as well as playing at athletic events, prayer services, liturgies, and other special events. Rehearsals focus on preparing music from different styles and cultures, improving technique on individual instruments, working together for proper blend and tone, basic music theory, music history, and proper care and use of instruments, as well as opportunities for solo and small ensemble work and conducting. Students are required to practice outside of class and are required to participate in all performances. Fulfills UC/CSU "P" subject requirement.

Jazz Band (Offered outside the regular school day)	10 credits/year
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Prerequisite: Instructor's permission.

The jazz ensemble is a course that is offered to advanced players. Throughout the course students work their way through a four-year graded progression of pieces which focus on music theory,

performance, practice, and history with an emphasis on personal growth. Several styles of music will be taught as well as playing techniques. Fulfills UC/CSU “F” subject requirement.

String Ensemble	10 credits/year
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Open to all students with instructor permission.

This course is a string ensemble consisting of violins, violas, cellos and bass violins, with other instruments added as needed. The students work on improving technique on their instruments, as well as learning some music theory and history. The music studies ranges from traditional chamber music to jazz, and music of other cultures. The string orchestra will perform three to four major concerts in addition to special events. Practice outside of class and participation in all performances are required. Fulfills UC/CSU “F” subject requirement.

Honors Band	10 credits/year
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Prerequisite: Audition required for admission.

The Christian Brothers Honors Band performs music representing a variety of historical and contemporary musical styles. Band members learn highly advanced levels of instrumental technique, sight-reading, practice methods, and various performance skills. Students selecting this course are expected to practice outside of class, and to participate in all performances. Private study with a professional specialist is also recommended. In most cases, students will need to provide their own instrument. Fulfills UC/CSU “F” subject requirement. This course receives CBHS honors credit; UC and CSU do not grant Honors credit for this course.

Women’s Chorus	10 credits/year
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Open to all female CBHS choir students.

Women’s Chorus is an ensemble for beginning students of vocal music, with or without choir experience. This course, which provides instruction in vocal technique, sight-reading, musicianship, and some music history, instills a solid musical foundation for students that prepares them to move on to one of CB’s more advanced choral ensembles. Students will rehearse and perform a variety of music appropriate for the developing female voice, and are required to participate in all performances, festivals, and rehearsals as indicated in the Choral Handbook. Fulfills UC/CSU “F” subject requirement.

Concert Choir	10 credits/year
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Prerequisites: Minimum of one year in CBHS choir, or audition.

Concert Choir is an ensemble for intermediate-level male and female singers, who have learned the basics of vocal technique, sight-reading, and musicianship. It provides more advanced instruction in all these areas, enabling students to continue to develop their skills while rehearsing and performing a wide range of music covering multiple genres. Concert Choir serves as an intermediate step for diligent students interested in auditioning for CB’s Honors-level choirs. Students are required to participate in all performances, festivals, and rehearsals as indicated in the Choral Handbook. Fulfills UC/CSU “F” subject requirement.

Men’s Chorus	10 credits/year
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Open to all male CBHS choir students.

Men’s Chorus is an ensemble for beginning to intermediate-level male students, with or without choir experience. This course, which provides instruction in vocal technique, sight-reading,

musicianship, and some music history, instills a solid musical foundation for students that prepares them to move on to one of CB's more advanced choral ensembles. Students will rehearse and perform a variety of music appropriate for the developing male voice, and are required to participate in all performances, festivals, and rehearsals as indicated in the Choral Handbook. Fulfills UC/CSU "F" subject requirement.

Chamber Chorus	10 credits/year
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Prerequisites: Minimum of one year in a CBHS choir, or by audition, evaluation, and exam, which emphasize sight-singing and the fundamentals of music theory and musicianship.

Chamber Chorus is an advanced ensemble for female singers who have mastered the basics of sight-reading, vocal technique, and musicianship. It involves a course of study emphasizing the rehearsal and performance of a wide range of advanced treble-voice music covering numerous genres. Students continue their development as musicians by working in more advanced levels of sight-reading and musicianship, as well as a continued emphasis on vocal technique. Students are required to participate in all performances, festivals, and rehearsals as indicated in the Choral Handbook. Fulfills UC/CSU "F" subject requirement.

Honors Chorale I/II	10 credits/year
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Prerequisites: Advanced placement by audition, evaluation, and exam which emphasize sight-singing, music theory and musicianship, and a minimum of one year in Chorus at CBHS.

Honors Chorale is an honors-level mixed ensemble for advanced choral students interested in pursuing musical performance at the highest levels. Students must be highly motivated, very adept at sight-reading, and display a high degree of mastery over music theory and musicianship. The course of study involves the rehearsal and performance of a wide range of advanced-level repertoire from the Renaissance to present genres. Students will continue their development as musicians by working at advanced levels in sight-reading and musicianship, as well as a continued focus on vocal technique with an extra emphasis on artistry and expression. They are expected to work independently, and must display the drive to achieve musical excellence. Attendance at all performances, festivals, and rehearsals as indicated in the Choral Handbook is required. Fulfills UC/CSU "F" subject requirement. Honors Chorale I and II receive CBHS honors credit; UC and CSU grant honors credit for the Honors Chorale II course only.

Vocal Jazz Choir (offered outside the regular school day)	10 credits/year
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Prerequisite: Advanced placement by audition, evaluation, and exam which emphasize vocal production, musical skills, and sight-reading, and a minimum of one year in Chorus at CBHS.

Auditions are in April. Vocal Jazz is a performance-based ensemble for advanced singers. It involves a course of study in rehearsal and performance of repertoire from the jazz idiom. Students will learn standard vocal techniques. Students are required to participate in all performances, festivals, and rehearsals. Students taking this course will receive CBHS honors credit. Fulfills UC/CSU "F" subject requirement.

Theater Arts	5 credits/semester or 10 credits/year
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Open to all grade levels. Fall and spring semesters can be taken individually, but the same semester cannot be repeated.

Theatre Arts is a semester or year-long course that focuses on elements of theatrical production including performance techniques, elements of design, theatre history, musical theatre,

playwrighting and directing. Students study, rehearse, and perform pantomime, improvisation, stage combat, script analysis, accents and dialects, monologues and scene work. Participation is an essential element of the class, and students will develop confidence in performance and an appreciation for this dynamic artform. Fulfills UC/CSU "F" subject requirement. This course does fulfill the year-long Visual and Performing Arts one-year requirement if taken as a year-long course.

Acting Focus	5 credits/semester or 10 credits/year
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Prerequisites: Students must have completed a semester of "Theater Arts" or receive permission from instructor. This class can be taken more than once for credit.

This course explores the theory and practice of fundamentals of American "method", based on principles of Stanislavsky and their American evolution. Development of core acting skills through monologue, scene work, and the one-act play will be emphasized. A foundation for the well-rounded actor will be set with study in improvisation and pantomime. Exploration of the different key styles of acting encountered in the repertory of professional theatre will include study in Elizabethan Theatre, Greek, French Comedy, and 20th Century High Comedy. Audition techniques, text analysis, and theatre criticism will also be covered.

Media Arts Offerings

Introduction to Writing for Publication	5 credits/semester
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Prerequisite: Formal application to the Journalism instructor to include teacher recommendations, a writing sample, and a 'B' or better in English courses.

This course offers students the opportunity to develop their writing skills while learning about the demands of journalistic writing. Various journalistic forms are practiced, including news reporting, features, sports, columns, and editorials. This course also examines journalistic requirements such as headline and caption writing, and proofreading. Throughout the course, students are called upon to develop style and substance in their writing, as well as research and interview skills. These skills will be used to produce a variety of publications (online Talon newspaper, student blogs, Falcon Family News, etc.) Fulfills UC/ CSU "g" elective requirement.

Writing for Publication II	5 credits/semester
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This course can be taken more than once for credit.

Prerequisite: Completion of Introduction to Writing for Publication and Instructor permission.

This course is designed for students who have decided to concentrate on journalistic writing. Leadership roles will be embraced as students take initiative during and after school for the various aspects of publishing the Talon's products. This class will produce the "Talon Online" and contribute news to the CB Media department. Special time will be dedicated to students' web portfolios and convergence with KBFT news. This course will require students to publish the "Talon" with groups of students completing both print and online forms of the school newspaper. This course does not fulfill UC/CSU "g" elective requirement.

Advanced Journalism: Editing, Design & Management	10 credits/year
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(Formerly Yearbook) Elective course for juniors and seniors only - may be repeated twice for credit. Prerequisite: Permission of Advanced Journalism teacher.

Editing, Design, and Management is a two-semester course, combining the high-level critical thinking, reading, and writing skills of print journalism with the artistic, creative, and aesthetic skills of the visual and graphic arts. Students master the writing and editing of the most common forms

of journalistic stories; read and analyze relevant literature through expository writing; learn and practice the basics of design and layout; analyze and evaluate images based on a set of given values; learn communication, management, and evaluation skills for individuals and small teams; learn to use state-of-the-art word processing and design software including Adobe Photoshop; and demonstrate responsibilities and communications law. This course will sharpen students' thinking and expression, widen their experience with people and communication, provide an environment for self-directed learning, and give them confidence in their ability to see their creative ideas to completion. Fulfills UC/CSU "g" elective requirement.

Video Production I	10 credits/year
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Open to sophomores, juniors and seniors.

Prerequisite: Formal application to the instructor includes recommendations, a writing sample, and instructor's permission required. Strongly recommend that students have taken P.E. before applying.

This yearlong course is designed to introduce students to the art of video production and develop media literacy. Students will utilize their creativity and artistic expression to write, stage, act in, edit, direct, record, and produce live and taped productions. Students will analyze, evaluate, and write critiques of video presentations by peers and professionals. They will also study the history of film production and the cultural context of the media in today's world. The relationship and impact of video production and the media to other disciplines and aspects of life will be discussed. Careers in the media will be explored. Techniques learned will include single camera (film style) and multi-camera productions of pre-taped and live Brothers Falcon Television (KBFT) productions. No experience is required for this course. Students are required to attend activities outside the regular school day. Fulfills UC/CSU "f" subject requirement.

Broadcast Journalism	5 credits/semester
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Open to upper division students only. Can be repeated 4 times for credit.

Prerequisite: Video Production I and instructor permission.

This class introduces students to live television studio production techniques. We will plan and produce 15-minute live news programs for broadcasts on KBFT. Students will take on the roles of director, technical director, producer, lighting technician, sound technician, graphic designer, camera operator, television anchor, and journalist. The program will include pre-recorded video stories. Production teams will develop scripts, as well as complete the technical work as part of this class. The ability to work in cooperative teams as well as the ability to take individual responsibility for producing an assigned segment of a show is essential. Time outside of class will be required to complete projects. Curriculum will also cover broadcasting history and operations, media ownership, censorship, and current issues in broadcast journalism. This class will compete at the local state and nation level. Fulfills UC/CSU "f" subject requirement.

Advanced Media Arts	5 credits /Fall semester only
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Open to upper division students only.

Prerequisite: A 'B' (83%) or better in Video Production I and permission of the instructor.

This course is designed for students who have already successfully completed multiple media courses. Leadership roles will be embraced as students take initiative during and after school for the various aspects of producing Brothers Falcon Television (KBFT). This intensive hands-on course is designed to familiarize students with cinematic language and filmmaking technique in preparation for more advanced production course. Through a series of collaborative assignments and exercises, students will employ a wide range of cinematic techniques designed to provide

practical experience with filmmaking equipment including: camera, sound, lighting, and editing software. These assignments will stress collaboration, pre-production planning, Single Camera Productions with limited resources, and the application of postproduction techniques to create an aesthetic that serves the story or artistic intent. This class will also assist and contribute to the KBFT morning news. Outside opportunities will be provided to create a professional video production portfolio. This is the final year of our three-year program and mentoring the younger KBFT members will be an aspect of Advanced Media Arts. This course will be a culminating experience for KBFT's most advanced students.

Sports Broadcasting and Information	5 credits /semester
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Prerequisite: permission of the Instructor

Suggested: A 'B' (83%) or better in Video Production 1 or Introduction to Writing for Publication

This class will focus on broadcasting sports events and maintaining the cbathletics.org website. The sports events include home football games, Men's and Women's basketball, Women's and Men's Soccer, Women's volleyball. Students will know how to design, build and execute a live event broadcast. This includes set up of cameras, communications, and livestreaming computer equipment. Concepts will include live camera operation, live sound mixing, live switching and content creation for the broadcast. Some students will differentiate into the play by play, color commentary, live on field interviews and in game communications side of the course. Inside the classroom all students will understand the phases of live streaming productions. Students will be required to pre-produce show openings, in game segments, commercials and closing credits for each broadcast. Highlight segments from each event will be produced and aired in a weekly segment for the "Talon Morning News."

Students will research opponents and be prepared to inform the viewers during the broadcast about players and coaches of the opposing teams. All events will be streamed live and then archived on the KBFT website. In addition, this class will be responsible for posting to the cbathletics.org website. Students will work in sport information director (SID) teams, assigned to specific CB sports and responsible for reporting on all scores, awards, and events for a given sport. All these updates will be posted on the cbathletics.org website and to various social media sites. Fulfills UC/CSU "P" subject requirement.

Senior Video Yearbook	5 credits/Spring semester
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Open to seniors.

Prerequisite: Permission of the instructor.

This is a spring-semester course for students interested in video production. This course is designed to allow the student to complete individual productions from inception to screening. This course will incorporate a film aesthetic requiring groups of students to complete short films, and entering them into competitions. The major production in this class is a full-length video documenting and Archiving the senior year. This video yearbook will be a gift to the senior class and Christian Brothers High School.

PHYSICAL EDUCATION

Course offerings are dependent upon enrollment class size criteria set by the administration.

Fitness for Life, Male/Female	10 credits/year
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Required course (to be taken in the freshman or sophomore year) for students not enrolled in a visual or performing art or Engineering course.

Physical education involves basic instruction in the areas of both traditional and non-traditional team and individual sports. The purpose of the team sports is conditioning that develops the student's physical abilities in the areas of muscular strength, muscular endurance, cardiovascular endurance, and flexibility. This course also includes a unit covering the 6 Components of Health: Physical, Emotional, Social, Mental, Spiritual, and Environmental. Within this health unit, students will earn their American Red Cross Certifications in First Aid and CPR/AED with an emphasis on basic Anatomy and Nutrition.

Team Sports and Activities (Coed)	5 credits/semester
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Elective course offered to sophomores, juniors, and seniors.

This course emphasizes advanced strategies, skills, and competition in a variety of team sports and activities including soccer, basketball, softball, handball, dodgeball, badminton, volleyball, flag football, frisbee, pickleball, etc. A major focus will be on organized competition within a team/group structure, with strong consideration given to student interests. A fitness component incorporating the equipment in the Vesci Fitness Center will be included in weekly class activities.

Weight and Agility Training (Coed)	5 credits/semester
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Elective course offered to juniors and seniors. Course may be taken more than once. This course is open to all who wish to develop strength, speed, agility, and increased cardiovascular fitness. The goal of the course is to improve physical health through weight, agility, and cardiovascular training. Students are expected to achieve certain standards on weight-lifting, and participate in cardiovascular and agility training programs. Training regimens will help both the athlete who is in or out of season as well as those who are interested in overall fitness.

Mind and Body Fitness (Coed)	5 credits/semester
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Elective course offered to juniors and seniors. Course may be taken more than once.

This introductory Physical Education class is offered to improve one's overall *health related fitness*. The various techniques of stretching, breathing, and meditation allow an individual to hold poses for an extended period of time. The purpose of this class is to increase flexibility by stretching our bodies and increase our ability to focus/meditate by stretching our minds.

Athletic Conditioning for Sports Teams**5 credits/semester**

Elective course offered to sophomores, juniors and seniors. Course may be taken more than once. This class will meet during the regular school day in the fall semester and before the regular school day (0 period) in the spring semester.

This course is a combination of strength, speed and agility training, along with skills and drills developed to further the skill and knowledge levels with regard to sports teams. The strength-training aspect will be developed for the intermediate to the advanced weight lifter, emphasizing Olympic style lifts. The strength-training phase will involve a program designed to improve strength, quickness, power, and speed. The speed development phase will include plyometric training, agility training, and speed dynamics. The football fundamental phase will include activities that will increase knowledge of situational play and improving basic football skills.

Health and Fitness**5 credits/semester**

Required course for students who are enrolled in four years of visual or performing arts.

This course involves introduction of non-traditional sports and activities as well as the benefits of regular physical activity. Students will study the effects of cardiovascular conditioning and strength training. This course also includes a quarter of Health, which entails instruction and certification in CPR with AED and First Aid.

Introduction to Personal Training**5 credits/semester**

Coed elective course offered to sophomores, juniors, and seniors.

Find out why so many people pay to use fitness centers. With personal coaching by the instructor, students will develop a personalized fitness plan, while utilizing our amazing Vescei Fitness Center. Enjoy all the benefits of personal training without the cost.

CB Fit**5 credits/semester**

Coed elective course offered to sophomores, juniors, and seniors.

CB Fit is the 'right fit' for those in sports or training for sports and can't always find the time after school. CB Fit is our version of "Cross-Fit", the revolutionary strength and conditioning program with the goal of improving cardiovascular/respiratory endurance, stamina, strength, power, speed, coordination, agility, and balance. The primary purpose of this course is to improve one's overall fitness so that in competition, students can be at their best.

RELIGIOUS STUDIES

Course offerings are dependent upon enrollment class size criteria set by the administration.

Freshman Level

Freshman Religious Studies	10 credits/year
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This course is designed to introduce the Catholic experience of faith, revelation and the mystery of the incarnation. Students will be taught the importance of scripture in Catholicism and use scripture to evaluate the various images of Christ, Church teachings and the impact of Christ on the individual's life (including personal decision making, vocation, identity, and sexual morality). The life and charism St. John Baptist de La Salle, founder of the Christian Brothers, will be covered. In addition, the student will engage in and reflect on community service as an essential element of both Christian and Lasallian traditions. Fulfills USCCB Doctrinal core curriculum *The Revelation of Jesus Christ in Scripture* and *Who is Jesus*.

FCP Freshman Religious Studies	10 credits/year
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This course is specially designed to support our Foundational College Prep Students in their personal academic religious inquiry. This course is designed to introduce the Catholic experience of faith, revelation and the mystery of the incarnation. Students will be taught the importance of scripture in Catholicism and use scripture to evaluate the various images of Christ, Church teachings and the impact of Christ on the individual's life (including personal decision making, vocation, identity, and sexual morality). The life and charism St. John Baptist de La Salle, founder of the Christian Brothers, will be covered. In addition, the student will engage in and reflect on community service as an essential element of both Christian and Lasallian traditions. Fulfills USCCB Doctrinal core curriculum *The Revelation of Jesus Christ in Scripture* and *Who is Jesus*.

Sophomore Level

Sophomore Religious Studies	10 credits/year
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This course develops the student's appreciation for the salvific role of Christ's death and resurrection and the understanding of the Church as the way to encounter the living Jesus. The student will define and evaluate the moral and liturgical implications of the Paschal mystery with regards to scriptural and traditional teachings of humanity's goodness and capacity for sin. In light of the Christian faith and the vocational demands of discipleship, students will explore the life of the Church, and Her sacramental nature as an expression of prayer, in liturgy, and in the practical application of the seven sacraments. Fulfills USCCB Doctrinal core curriculum *The Mission of Jesus Christ*, *Jesus Christ's Mission Continues in the Church*, and *Sacraments as Privileged Encounters with Jesus Christ*.

Junior Level

Morality	5 credits/semester
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This first-semester course follows the moral implications of Christian discipleship from adherence to biblical commandments to the implications of Christ's law of love. The student will judge both the personal and social effects of decision making in the 21st Century. Fulfills USCCB Doctrinal core curriculum *Life in Jesus Christ*.

Social Justice	5 credits/semester
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This second-semester course encourages students to examine the major social issues of our time—poverty, displacement, immigration, sexism, racism, peace, and environmental ethics—in light of Catholic Social Teaching. Students will be exposed to a variety of viewpoints as well as Catholic Church teaching regarding these issues, enabling them to analyze systems and structures that foster or inhibit human freedom. Students will explore contemporary issues and consider their own call to action in response to them. All Social Justice projects are contingent on availability, accessibility, and safety.

Senior Religion Electives

All seniors are required to take Comparative Religion. Seniors must choose a second religion elective. A third course may be taken as an elective.

Comparative Religion	5 credits/semester
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Required course for all seniors.

In this one-semester course, students explore the origin and development of religion and examine the teachings and practices of the major religions of the world: Hinduism, Buddhism, Confucianism, Taoism, Judaism, and Islam. Students will have the opportunity to explore some of the spiritual practices of these traditions and seek to understand their relationship to each other, the individual, and the transcendent. Each religion will be explored in comparison to the Catholic faith, upholding the spirit of the Vatican II document *Nostra Aetate*. Fulfills UC/CSU "g" elective requirement.

Social Justice	5 credits/semester
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This one-semester course encourages students to examine the major social issues of our time—poverty, displacement, immigration, sexism, racism, peace, and environmental ethics—in light of Catholic Social Teaching. Students will be exposed to a variety of viewpoints as well as Catholic Church teaching regarding these issues, enabling them to analyze systems and structures that foster or inhibit human freedom. Students will explore contemporary issues and consider their own call to action in response to them. All Social Justice projects are contingent on availability, accessibility, and safety.

The Mystery of Suffering and Death	5 credits/semester
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This one-semester course will define "suffering" while comparing various theological and philosophical interpretations of its meaning. The course will compare various cultural approaches to death, burial rituals, and afterlife concepts. Catholic eschatology will be examined, as will the concept of evil, and the salvific death and resurrection of Jesus. The course will also evaluate the Catholic moral position on end-of-life issues and engage students in the health care debate.

SCIENCE

Course offerings are dependent upon enrollment class size criteria set by the administration.

Advanced Physical Science	10 credits/year
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Required for freshmen not enrolled in Accelerated Biology.

Advanced Physical Science creates a solid foundation and provides the necessary college-oriented laboratory skills and techniques for students to continue in biology, chemistry, and physics. APS integrates advanced lab techniques, computational skills, and critical analysis to approach problem-solving through inquiry-based learning. Fulfills UC/CSU "g" elective requirement.

FCP Advanced Physical Science	10 credits/year
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Required for freshmen in the FCP Program.

FCP Advanced Physical Science creates a solid foundation and provides the necessary college-preparatory laboratory skills and techniques for students to continue in biology, chemistry, and physics. FCP APS integrates foundational lab techniques, study skills, computational skills, and critical analysis to approach problem-solving through inquiry-based learning. Fulfills UC/CSU "g" elective requirement.

Accelerated Biology	10 credits/year
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Open to freshmen.

Prerequisite: Must be concurrently enrolled in Accelerated Algebra I or higher and in the Accelerated College Prep program.

This is an accelerated laboratory /lecture/discussion course for students concurrently enrolled in the Scholars or Accelerated programs. Careful organization, observation and analysis are emphasized. The inquiry approach from the cellular level to organisms is used in discussing concepts of this class. The major fields included are chemistry, cytology, microbiology, diversity of organisms, genetics, evolution, zoology, and ecology. Several formal lab reports are required in this course. Fulfills UC/CSU "d" subject requirement.

Biology	10 credits/year
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Open to sophomores, juniors, and seniors.

Prerequisite: A 'C' (70%) or better in Advanced Physical Science or previous science or engineering.

Recommendation: Completion of or concurrent enrollment in Algebra I.

This is a standard laboratory and lecture class introducing the major fields of biology, the study of living things. The inquiry approach from the cellular level upward is used in discussing concepts of this class. Emphasis is placed on inquiry in the laboratory as a basis for discussion. The major fields included in this course are biotechnology, chemistry, cytology, microbiology, genetics, evolution, and ecology. Fulfills UC/CSU "d" subject requirement.

Honors Biology**10 credits/year**

Open to sophomores, juniors, and seniors.

Prerequisite: An 'A' (93%) in Algebra I or a 'B' (83%) or better in Accelerated Algebra I, and an 'A' (93%) in Science or Engineering, and instructor permission.

This is an honors level laboratory/lecture/discussion course for students concurrently enrolled in the Scholars or Accelerated programs. Careful organization, observation, and analysis are emphasized. The inquiry approach from the cellular level to organisms is used in discussing concepts of this class. The major fields included are biotechnology, chemistry, cytology, microbiology, human anatomy, genetics, evolution, and ecology. Several formal lab reports are required in this course. Fulfills UC/CSU "d" subject requirement.

AP Biology**10 credits/year**

Open to juniors and seniors.

Prerequisite: A 'B' (83%) or better in Honors Biology and a 'B' (83%) or better in Honors Chemistry, or an 'A' (93%) in CP Biology and an 'A' (93%) in CP Chemistry; must be concurrently enrolled in Algebra II or higher.

The AP Biology course is a college introductory biology course, the equivalent of that usually taken by biology majors during their first year. The four big ideas covered on the AP Biology examination are: 1) the process of evolution drives the diversity and unity of life 2) biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis 3) living systems store, retrieve, transmit, and respond to information essential to life processes, and 4) biological systems interact, and these systems and their interactions possess complex properties. Laboratory experience is included in all AP Biology courses. Students will take the Advanced Placement Examination at the end of the year. Fulfills UC/CSU "d" subject requirement.

Watershed Biology**10 credits/year**

Open to juniors, and seniors (sophomores may be enrolled with the approval of instructor).

Prerequisite: Completion of Biology with a 'C-' (70%) or better; must be concurrently enrolled in Geometry or higher.

This course will introduce students to the principles, concepts, and methodologies required to understand the unique interrelationships of the Sacramento Valley watershed, to identify and analyze problems both natural and human-made that are inherent in the management of this watershed, to evaluate risks involved in altering components of the watershed, and to examine possible solutions to the management of such a diverse habitat.

Fulfills UC/CSU "g" elective requirement. This course is not NCAA approved.

Human Anatomy & Physiology**10 credits/year**

Open to sophomores, juniors, and seniors.

Prerequisite: Completion of Biology with a 'C-' (70%) or better or instructor permission.

This course will explore the human body by introducing the basic forms, structures, and functions of the body. The integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, endocrine and digestive systems are studied. The functioning of all of these systems which make up the whole organism called "human" will be stressed. Emphasis will be on laboratory exercises designed to show functions and structure in action. Fulfills UC/CSU "d" subject requirement.

Biotechnology**10 credits/year**

Open to sophomores, juniors, and seniors. Prerequisite: A 'B-' (80%) or better in Biology; must be concurrently enrolled in Geometry or higher.

This is a laboratory-based class. Students develop laboratory skills, critical thinking, and communication skills currently used in the biotechnology industry through extensive laboratory work. Students will understand the role of biotechnology in society, understand the basic biological and chemical processes of cells, tissues, and organisms. Students will gain a deeper understanding of the significance of biotechnology in forensics, genetic testing, industrial products, and scientific research. Fulfills UC/CSU "d" subject requirement.

Chemistry**10 credits/year**

Open to sophomores, juniors, and seniors. Prerequisite: a 'B-' (80%) or better in Biology; must be concurrently enrolled in Geometry or higher.

This is a standard lecture and laboratory class for the college-bound student who is interested in science. Careful organization, observation, and analysis are emphasized. Areas covered include mole concept, Avogadro's Hypothesis, gases, solutions, chemical reactions, atomic structure, and chemical bonds. Fulfills UC/CSU "d" subject requirement.

Honors Chemistry**10 credits/year**

Open to sophomores, juniors, and seniors. Prerequisite: A 'B' (83%) or better in Honors Biology or an 'A' (93%) in CP Biology; must be concurrently enrolled in or have completed Algebra II or Honors Geometry.

This is an advanced course that emphasizes theory as well as math. It is taught at a faster pace and in more depth than regular Chemistry. The material is supplemented by appropriate laboratory experiments that reinforce the concepts developed in the text.

Fulfills UC/CSU "d" subject requirement.

AP Chemistry**10 credits/year**

Open to juniors and seniors.

Prerequisite: Students must satisfy all of the following requirements: A 'B' (83%) or better in Honors Chemistry or an 'A' (93%) in CP Chemistry; must be concurrently enrolled in Pre-Calculus or higher.

This is a college level chemistry course and is part of the Advanced Placement program through which students may earn college credit and/or gain advanced placement in the first year of college. It is advantageous for students planning a science, health, or medicine related major in college.

Laboratory experiments will reinforce concepts covered in the class. Students will take the Advanced Placement Examination at the end of the year. Fulfills UC/CSU "d" subject requirement.

Physics**10 credits/year****Open to juniors and seniors.****Prerequisite: A 'C' (73%) or better in Biology; a 'B' (83%) or better in Algebra I and Geometry all 4 semesters.**

Physics examines the workings of the physical world in a conceptual framework. Topics of study include mechanics, waves, sound, electricity and magnetism, light and optics. Although the required mathematical analysis is less intensive than Honors Physics, students do need to be fluent in the basic skills of algebra and geometry. Students in this course will be challenged to visualize concepts, think about the world from a physics point of view, and communicate their understanding. Evaluation will be based on written work, lab work, projects, and presentations. Fulfills UC/CSU "d" subject requirement.

Honors Physics**10 credits/year****Open to sophomores, juniors, and seniors.****Prerequisite: An 'A' (93%) or better in Chemistry and concurrent enrollment in Honors Algebra II or higher mathematics; or a 'B' (83%) or better in Honors Chemistry; and instructor permission.**

This is an advanced course in Physics that is mathematically demanding. This course is taught at a faster pace and in more depth than regular physics. Two-dimensional problems using trigonometry and vector analysis are emphasized and extensive algebraic problem solving is used throughout. The course covers mechanics, mechanical waves, thermodynamics, electricity and magnetism, light, and optics. Evaluation will be based on solving complex physics problems and laboratory work.

Fulfills UC/CSU "d" subject requirement.

AP Physics**10 credits/year****Open to juniors and seniors.****Prerequisite: Concurrent enrollment in Calculus and permission of the Instructor.**

AP Physics is equivalent to the first part of a college sequence in physics required for science and engineering majors. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. The course covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. At the end of the course students will be prepared to pass the AP Physics C: Mechanics exam, and may receive college credit.

Fulfills UC/CSU "d" subject requirement.

SOCIAL STUDIES

Course offerings are dependent upon enrollment class size criteria set by the administration.

Freshman Level

Accelerated World History & Geography I	10 credits/year
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This course studies the development of civilization through the mid-16th century AD. It correlates the study of ancient cultures such as Egypt, Greece, Rome, the Middle East, and the Far East with current problems being experienced in the modern world. An in-depth analysis of religion, geography, art, and political institutions provides students with insights, respect, and ultimately an enhanced appreciation for different cultures and their attributes. In-depth critical thinking skills are focused on and developed through the extensive use of primary sources, supplementary materials, slides, and field trips. As a result, students develop a basic understanding of culture, institutions, and the nature of humankind in the context of history. This course is taught in collaboration with the Accelerated Freshman Literature and Composition course.

Fulfills UC/CSU "a" subject requirement.

CP World History and Geography I	10 credits/year
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This course studies the development of civilization through the mid-16th century AD. It seeks to correlate the study of ancient cultures such as Rome, Greece, Egypt, the Far East, and the Middle East with current problems being experienced in the world. An in-depth analysis of religion, geography, and political institutions provides students with insights, respect, and ultimately an enhanced appreciation for different cultures, enabling the students to begin to explore the culture, institutions, and the nature of humankind in the context of history. Students enrolled in this course are required to be in the CP Freshman Literature and Composition course.

Fulfills UC/CSU "a" subject requirement.

FCP World History and Geography I	10 credits/year
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This course studies the development of civilization through the mid-16th century AD. Special attention is given to basic comprehension of historical facts and events, cause and effect relationships, analysis of historical documents, basic geography and map skills, and the development of basic critical thinking skills. Students enrolled in this course are required to be in the FCP Freshman Literature and Composition course. Fulfills UC/CSU "a" subject requirement.

Sophomore Level

Placement is determined by freshman World History teacher's recommendation.

FCP World History and Geography II	10 credits/year
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This course continues with the history of humankind from the mid-16th century AD through the early 21st century. It deals with the basic concepts of law, rules, rights, revolution, and political

philosophy. Students study the advent of modern technology and the implications of the Industrial Revolution. They also examine the interaction between economics and politics. Emphasis is placed on further developing critical thinking skills and understanding the basic geography of Europe, Latin America, Africa, Asia, and the Middle East. Fulfills UC/CSU "a" subject requirement.

CP World History and Geography II	10 credits/year
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This course continues with the history of humankind from the mid-16th century AD through the early 21st century. It deals with concepts such as law, rules, rights, revolution, and political philosophy. The students study the advent of technology as they explore the far-reaching implications of the Industrial Revolution; students also examine the geography of the world, economy, and world politics as they study the interactions of Europe, Latin America, Middle East, Africa, Russia, China, and Japan. Fulfills UC/CSU "a" subject requirement.

Accelerated World History II	10 credits/year
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Prerequisite: Prior approval of freshman Accelerated World History teacher or successful completion of a qualifying writing assignment and an 'A' (93%) in CP World History with the recommendation of the teacher.

This course is designed for the advanced student who is almost ready for the academic rigor of an Advanced Placement history course. The course continues with the history of humankind from the mid-16th century AD through the early 21st century. It deals with concepts such as law, rules, rights, revolution, and political philosophy; students also study the advent of technology and the far reaching implications of the Industrial Revolution. Students examine the geography, economy, and politics of the world as they study the interactions of Europe, Latin America, the Middle East, Africa, Russia, China, and Japan. In-depth critical thinking skills are focused on and developed through the use of primary sources and supplementary materials. As a result, students continue to develop an advanced understanding of culture, institutions, and the nature of humankind in the context of history begun in their freshman year. Fulfills UC/CSU "a" subject requirement.

AP World History	10 credits/year
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Prerequisite: Prior approval of freshman Accelerated World History teacher or successful completion of a qualifying writing assignment and an 'A' (93%) in CP World History with the recommendation of the AP teacher.

This course continues the studies begun during the freshman year in Accelerated World History I as students continue to develop a basic understanding of culture, institutions, and the nature of humankind in the context of history. The purpose of this class is to develop a "greater understanding of the evolution of global processes and contacts, and the interaction between different societies". The course begins with a review of the materials covered in Accelerated World History I and focuses primarily on changes in the international world, the causes and the consequences of these changes, and comparisons among major societies from the 15th century AD

to the early 21st century AD. The course revolves around the five major themes found in the Advanced Placement World History course description. In-depth critical thinking skills are focused on and developed through extensive use of supplementary materials. The course prepares the student to take the Advanced Placement World History test in May, which students are required to take. Students will complete a rigorous summer reading component and a comprehensive examination during the second week of school. Fulfills UC/CSU “a” subject requirement.

Junior Level

Placement is determined by sophomore World History teacher’s recommendation.

CP United States History	10 credits/year
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This study of history establishes a foundation for understanding the past, living the present, and contemplating the future. Through the use of traditional textbooks, primary source readings, and thought-provoking media presentations, the teacher invites the student to explore not only the when, the who, and the where, but also the why. Students are required to go beyond the learning of facts to a higher level of analysis, synthesis, and evaluation. Students are encouraged to make history a personal trek, an enlightening endeavor, a maturing process. The end result is not only to become more thoroughly informed about the history of the United States, but also to become better informed and more aware of one’s attitudes, biases, and feelings about the United States and its people. A research paper is required in this class. Fulfills UC/CSU “a” subject requirement.

AP U.S. History	10 credits/year
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Prerequisite: Prior approval of AP World History teacher or successful completion of a qualified writing assignment and an ‘A’ (93%) in Accelerated World History/College Prep World History with the recommendation of both the Accelerated or CP World History II teacher and the AP US History teacher.

This course provides an in-depth survey of United States history, including intellectual, political, cultural, social, and diplomatic history. The class format focuses on large and small group discussions and lectures and emphasizes writing. It may also include independent research, debates, guest speakers, and films. In addition to the text, each student will read a variety of other books on historical topics and issues. A research paper is required in this class. Students are required to take the Advanced Placement Examination. Students will complete a rigorous summer reading component and a comprehensive examination during the second week of school. Fulfills UC/CSU “a” subject requirement.

Senior Level

Placement is based upon U.S. History teacher’s recommendation.

American Government and Civics	5 credits/semester
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This course enables students to understand how the political processes in the United States work. Through the study of American government and civics, the student is challenged to respond to a variety of questions: 1) What are the basic beliefs and ideals that underlie democracy in the United States? 2) How do our legal, governmental, and economic institutions affect public policy at the local, state, national, and international level? 3) How can the individual participate most effectively in the United States political system? In addition to becoming familiar with the structure and operation of the political system in the United States, the student analyzes some of the conflicts that confront our nation. In doing so, the student develops the ability to be an effective decision maker and a responsible citizen. Fulfills UC/CSU “a” subject requirement.

AP Government and Politics: US**10 credits/year**

Prerequisite: Prior approval of AP U.S. History teacher or an 'A' (93%) in College Prep U.S. History with the recommendation of both the CP U.S. History teacher and the current AP American Government teacher.

Advanced Placement US Government and Politics is a year-long college level course that combines the basic concepts of economics with an analytical perspective on American government and the American political process. The course involves both the study of general concepts and deeper analysis of specific events and case studies. Students will be required to have a working knowledge of the various institutions of government, interest groups, American political and economic philosophies, key elements of the American Constitution, and an understanding of the electoral process. Specific topics to be covered in the class include: the development of government in the United States, political beliefs and behaviors, political parties, interest groups and mass media, public policy, civil rights and civil liberties. Students are required to take the Advanced Placement Examination in May, and may earn college credit. Fulfills UC/CSU "a" subject requirement.

Social Studies Elective Courses**Leadership****5 credits/semester**

Elective course for juniors and seniors only. Students may take this semester course twice.

Leadership class provides students with an introduction to the skills necessary to be an efficient and effective leader. Students work together with the Student Council, Lasallian Student Life, clubs, and athletics to help shape the CB co-curricular program. The class involves the hands-on experience of organizing and running meetings, managing events and people, proposing and leading school activities, and setting personal leadership goals. The main learning areas are communication, management skills, group dynamics, personal leadership skills, and values clarification. Members of the Student Council (especially the ASB Council) are strongly encouraged to register for this class.

Economics**5 credits/semester**

Elective course for juniors and seniors only.

Economics introduces the student to the economic system in the United States and develops the skills necessary to understand the economic issues facing all citizens. The student will compare our system with those of other countries and make reasoned judgments about economic questions. Students will master the fundamental economic concepts such as supply and demand, market price, competition, capitalism, socialism, and communism. Fulfills UC/CSU "g" elective requirement.

Psychology**5 credits/semester**

Elective course for juniors and seniors only.

This course focuses on essential psychological factors including perception, development, behavior, personality, and social functioning, utilizing both theoretical and experiential approaches. The content of the course will center on everyday commonplace behavior rather than the unusual or bizarre. Specific topics include but are not limited to learning, memory, the brain, consciousness, physical and social development, personality, gender roles, stress and health (including drug use and its effects), psychological disorders, and therapy. Students are encouraged to apply this class as a basis for a helping relationship such as peer counseling or conflict resolution. A research project is required in this class. Fulfills UC/CSU "g" elective requirement.

AP Art History**10 credits/year**

***Open to sophomores, juniors and seniors.**

Prerequisites: Students must be concurrently enrolled in World History I or II, or have completed both courses with a 'B+' (87%) or better, and instructor permission.

This course offers the serious student the opportunity to explore, in depth, the history of art from ancient times to the present. Through readings, research, slides, video, and museum visits, students will view significant artworks from around the world. Writing skills will be important in the description, analysis, and comparison of these works. Students will keep a notebook to record class discussion on significant historical events, art period/styles, specific artworks, and issues/themes that connect these artworks. Students are required to take the AP Art History exam. Fulfills UC/USU "F" subject requirement.

AP Psychology**5 credits/semester**

Elective course for juniors and seniors only.

Prerequisites: Current Juniors: AP US History students must attain a 'B+' (87%); CP US History students must earn an 'A-' (90%). Current Sophomores: AP and Accelerated World History students must earn a 'B+' (87%); CP World History students cannot take this class until their senior year.

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students are required to take the Advanced Placement Examination in May. Fulfills UC/CSU "g" elective requirement.

STUDENT AIDES

Course offerings are dependent upon enrollment class size criteria set by the administration.

Students may enroll in only one of the following per semester. These courses are graded on a pass/fail basis.

Study Hall	5 credits/semester
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Open to juniors and seniors.

This class is designed to give students the opportunity to take care of homework and have additional time to study while at school. This opportunity comes with responsibility. Students need to come to class each day with a plan for what they are going to be doing. Teachers will help students where they can with both their academics and their time management skills including making sure they are staying on task.

Counseling Aide	5 credits/semester
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Open to juniors and seniors.

Prerequisite: Approval of the Director of Counseling and Guidance.

Students in the program assist counselors by following the office procedures of the Counseling Office, contributing to the supportive atmosphere of the center, and acting in any other helping capacity necessary to the smooth functioning of counseling and guidance activities.

Office Aide	5 credits/semester
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Open to juniors and seniors.

Prerequisite: Approval of the Admissions' or Assistant Principal's Administrative Assistant.

Students enrolled as office aides will assist the administrative staff with all Main Office/Front Office and Admissions Office activities. Students will welcome visitors and will also be trained in office procedures, communications, and etiquette in working with the general public. They must be dependable, flexible, and capable of working independently. Students need to be in class on time every day. Since they will represent the Administrative Offices they will be expected to be role models for other students in their dress, attitude, and behavior.

Concurrent Enrollment	College credit/semester
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Open to juniors and seniors.

Prerequisite: Approval of Assistant Principal.

Under Concurrent Enrollment, college courses are taken for college credit while attending Christian Brothers. Each course replaces one CB class with a study hall and must be for a minimum of three college units. In general, Concurrent Enrollment is for advanced courses that are not available at Christian Brothers. Students who apply for Concurrent Enrollment must demonstrate the ability to manage themselves. These courses must be scheduled outside of the regular school day, and do not replace courses required for graduation from CB.

WORLD LANGUAGES

Course offerings are dependent upon enrollment class size criteria set by the administration.

Chinese

Mandarin Chinese II	10 credits/year
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Prerequisite: Mandarin Chinese I with a 'C-' (70%) or better or permission of the instructor.

Mandarin Chinese II is an intermediate course, the continuation of Mandarin Chinese I. It focuses on developing student's abilities in each of the four language skills - listening, speaking, reading, and writing. The course will introduce approximately 320 new characters with a review of grammar and further development of speaking, reading and writing skills in Mandarin. Students will learn to communicate in basic Chinese and learn more about Chinese customs and cultural practices. Fulfills UC/CSU "e" subject requirement.

Mandarin Chinese III	10 credits/year
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Prerequisite: Mandarin Chinese II with a 'C-' (70%) or better or permission of the instructor.

In Mandarin Chinese III, students continue to expand their language abilities in various aspects of Mandarin Chinese. Students will be able to build their knowledge of vocabulary, grammar points, and sentence patterns in communicative contexts and enhance their listening and speaking skills through diverse language learning activities. Students will learn more in-depth Chinese reading and writing strategies and skills, and will be able to write in Chinese in different formats such as letters, journals, and essays. Students will learn more essential knowledge of Chinese culture, including the origins, anecdotes, and etiquette for various cultural settings, occasions and events. Students will also learn to compare and contrast the target culture with their own in many different aspects. Fulfills UC/CSU "e" subject requirement.

Mandarin Chinese IV	10 credits/year
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Chinese IV is designed to consolidate conversational usage and grammatical and cultural knowledge encountered in the earlier courses, and to expand reading and writing abilities. Students will continue to develop and refine their proficiency in all four language skills in listening, speaking, reading, and writing, with emphasis on the ability to interact orally and in writing. They are encouraged to communicate by using more complex language structures on a variety of topics, focusing on abstract concepts. At this level, students will be able to comprehend the main ideas of the authentic materials that they read and hear, and they are able to identify significant details when the topics are familiar. Chinese IV will continue to adopt the Integrated Chinese series which are designed to bolster four language skills, and Classic Chinese Read, a collection of poetry, classic stories, literature, and modern drama that has been a favorite of students of Chinese for many decades. Pending approval to fulfill UC/CSU "e" subject requirement.

French

French I

10 credits/year

This is an introductory course in the French language with emphasis on the development of listening, speaking, reading, writing, and culture. Fulfills UC/CSU “e” subject requirement.

Accelerated French I

10 credits/year

This course is similar in content to French I. Topics will be more in-depth to master them at a higher level than the regular French I course. Accelerated French is intended for students with the desire to fulfill college requirements by taking the Advanced Placement exam in the senior year. Fulfills UC/CSU “e” subject requirement.

French II

10 credits/year

Prerequisite: French I with a ‘C-’ (70%) or better or permission of instructor.

This course is a continuation of the first year of French with further development of language skills. Fulfills UC/CSU “e” subject requirement.

Honors French II

10 credits/year

Prerequisite: Accelerated French I with a ‘B’ (83%) or better or permission of instructor.

This course is similar in content to French II. Topics are addressed in-depth, in order to master them at a higher level than the regular French II course. Honors French II is intended for students with the desire to fulfill college requirements by taking the Advanced Placement Exam in the senior year. Fulfills UC/CSU “e” subject requirement. This course receives CBHS honors credit; UC and CSU do not grant honors credit for this course.

French III

10 credits/year

Prerequisite: French II with a ‘C-’ (70%) or better or permission of instructor.

French III continues the study of the French language and culture, with emphasis on the finer points of structure and a concentrated effort to improve communication skills through project-based methods. A focus in development of skills will incorporate technology and its role in the target language acquisition. The reading, writing and research will increase vocabulary, sight-reading skills, and communicative competence. Fulfills UC/CSU “e” subject requirement.

Honors French III

10 credits/year

Prerequisite: Honors French II with a ‘B’ (83%) or better or permission of instructor.

This course is the third year of the accelerated program preparing students for the French Advanced Placement Examination in the senior year. Emphasis is placed on completing basic grammar, as well as intensive work on furthering the writing, speaking, listening, and reading skills of the students. Fulfills UC/CSU “e” subject requirement.

French IV**10 credits/year****Prerequisite: Permission of instructor.**

French IV focuses on the continued study of grammar, refining of listening and speaking skills, and continued in-depth reading and writing development through collaborative communication and project-based learning. Students completing this course develop a firm foundation in the language and the ability to understand and speak on an advanced level.

AP French**10 credits/year****Prerequisite: Permission of instructor.**

This course is equivalent to a college level course and is an intense and in-depth program preparing students to take the Advanced Placement Examination at the end of the year. A final review of grammar is included, as well as consistent development of the reading, writing, listening, and speaking skills. Students who pass the AP test with a 3 or higher may be eligible for college credit. Fulfills UC/CSU "e" subject requirement.

Spanish**FCP Spanish I****10 credits/year**

An introductory course in the Spanish language, with special emphasis on the development of the basic skills of listening, speaking, reading, and writing, and a general knowledge of Hispanic culture and civilization. Only open to FCP program students. Fulfills UC/CSU "e" subject requirement.

Spanish I**10 credits/year**

An introductory course in the Spanish language, with emphasis on the development of listening, speaking, reading, writing, and general knowledge of Hispanic culture and civilization. Fulfills UC/CSU "e" subject requirement.

Accelerated Spanish I**10 credits/year**

This course is similar in content to Spanish I. Topics will be addressed in-depth in order to master them at a higher level than the regular Spanish I course. Accelerated Spanish is intended for students with the desire to fulfill college requirements by taking the Advanced Placement Exam in the senior year. Fulfills UC/CSU "e" subject requirement.

FCP Spanish II**10 credits/year**

Prerequisite: FCP Spanish I with a 'C-' (70%) or better or permission of instructor. This class is a continuation of the first year of FCP Spanish. Emphasis is placed on the further development and understanding of basic language skills and Hispanic culture. Fulfills UC/CSU "e" subject requirement.

Spanish II**10 credits/year****Prerequisite: Spanish I with a 'C-' (70%) or better or permission of instructor.**

This class is continuation of the first year of Spanish, with further development of language skills. Fulfills UC/CSU "e" subject requirement.

Honors Spanish II**10 credits/year****Prerequisite: Accelerated Spanish I with a 'B' (83%) or better or permission of instructor.**

This course is similar in content to Spanish II. Topics are addressed in-depth, in order to master them at a higher level than the regular Spanish II course. Honors Spanish II is intended for students with the desire to fulfill college requirements by taking the Advanced Placement Exam in the senior year. Fulfills UC/CSU "e" subject requirement. This course receives CBHS honors credit; UC and CSU do not grant honors credit for this course.

Spanish III**10 credits/year****Prerequisite: Spanish II with a 'C-' (70%) or better or permission of instructor.**

This course is a continued study of the Spanish language and culture, with emphasis on the finer points of structure and an intense effort to improve communication skills. In addition, there are readings in history and literature, with the goal of increasing vocabulary and sight-reading skills. Fulfills UC/CSU "e" subject requirement.

Honors Spanish III**10 credits/year****Prerequisite: Honors Spanish II with a 'B' (83%) or better or permission of instructor.**

This is the third year of the accelerated program preparing students for the Spanish Advanced Placement Examination in the senior year. Emphasis is placed on completing basic grammar, as well as intensive work on furthering the writing, speaking, listening, and reading skills of the student. Fulfills UC/CSU "e" subject requirement.

Spanish IV**10 credits/year****Prerequisite: Permission of instructor.**

Spanish IV focuses on continued grammar study and development of listening and speaking skills, as well as in-depth reading and writing development. Students completing this course should have a firm foundation in the language and the ability to understand and speak on a more advanced level. Fulfills UC/CSU "e" subject requirement.

AP Spanish**10 credits/year****Prerequisite: Permission of instructor.**

This course is equivalent to a college level course and is an intense and in-depth program preparing students to take the College Board Advanced Placement Examination at the end of the year. A final review of grammar is included, as well as consistent development of the reading, writing, listening, and speaking skills. Students who pass the AP test with a 3 or higher may be eligible for college credit. Fulfills UC/CSU "e" subject requirement.