

SCHS COURSES

2021-22



Please Note: Courses denoted by **CCA** are College and Career Advantage courses offered *during the bell schedule*. For a more comprehensive list of CCA offerings and for more information about these courses, please visit the [College and Career Advantage Course Catalog](#).



COURSE OFFERINGS

ENGLISH DEPARTMENT

American Cultures

AP English Literature and Composition

English I

English I Honors

English II

English II Honors

English III

Expository Reading and Writing

IB/AP English Language and Composition

IB English Literature and Composition

English Language Development

Academic Language Development I

English for English Learners I-II

English Language Development I-III



COURSE DESCRIPTIONS

American Cultures

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11; Passed English II (B or better) AND Passed World History (B or better) OR Passed Honors English II (C or better) AND teacher recommendation AND Passed Honors World History/AP Euro (C or better)

This year-long interdisciplinary humanities course combines the study of American history and literature with the development of advanced composition skills and presentations on historical events through the use of technology. It is team taught by instructors from history and literature/composition. Students can receive credit for U. S. History, Advanced Composition and American Literature for university placement. Students will study the development of American culture from 1600 to the present, with primary attention to the essential and enduring features of American thought, values, customs and practices.

AP English Literature and Composition

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: Passed English III (B or Better) AND teacher recommendation OR Passed American Cultures (B or Better) AND teacher recommendation OR Passed AP/IB Lang/Comp (C or better)

Students in this college-level course read and carefully analyze both English and American literature written in a variety of time periods, from the 16th Century through the contemporary period. This course will provide students with the intellectual challenges and workload consistent with a typical sophomore undergraduate English Literature class. At the culmination of the course, the students will take the AP English Literature and Composition Exam given in May. Based on their scores, they may be granted advanced placement, college credit, or both at colleges and universities throughout the United States.

English I

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: College Prep, Completed English 8 or equivalent

English I is the first step into college and career readiness. In this course, students will read a wide variety of texts over several units to develop their skills in writing, vocabulary, reading, and collaboration. Students will learn effective techniques in communication, such as reading, writing, listening, and speaking, while delving into fiction, nonfiction, poetry, mythology, and drama. English I will prepare students with the necessary skills to achieve success during their high school career, inside and outside of the classroom.

English I Honors

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: Earned a 4.0 GPA in English 8 OR Earned a 3.50 GPA in English 8 ACC

English I Honors is an advanced English class for the more motivated, capable English student. Students who opt for this more challenging course will undertake copious reading and writing throughout the year. Literature studied in this course includes mythology, the novel, drama, non-fiction, and poetry. The course also emphasizes grammar and vocabulary.

****As a 9th grade course this course is not eligible to receive UC honors recognition. The course does have a weighted grade which will be included in overall GPA calculation.**



COURSE DESCRIPTIONS

English II

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 10: College Prep, Completed English I

This course meets entrance requirements for the University of California and California State University systems and is aligned with Common Core Standards. The course offers a rigorous curriculum that includes a variety of complex, board-approved novels, thematically linked nonfiction, and poetry. Students will be challenged with sophisticated literature that will prepare them for college preparatory English and real world applications. Course work will include the development of evidence-based claims, textual analysis, composition, vocabulary, grammar, digital literacy, interpretation, reflection, and synthesis. Course work will promote communication, collaboration, critical thinking, and creativity.

English II Honors

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 10 : Earned an "A" both semesters in English I AND teacher recommendation OR Passed Honors English I (B or better)

English II Honors is designed for sophomores as a more rigorous alternative to English II College Prep. Students will build upon skills learned in English I/English I Honors in composition and reading. The course consists of extensive reading of a range of texts, including novels, short stories, plays, and poetry from a variety of historical eras and cultural backgrounds, including high level, complex nonfiction selections. The focus is on critical reading, analysis, and interpretation to produce thoughtful written responses to assigned readings. Written assignments, both formal and informal, are focused on detailed textual analysis, argument, and synthesis, and require students to express complex and interrelated ideas with clarity and a mature style.

English III

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11: College Prep, Completed English II

This course meets entrance requirements for the University of California and California State University systems and is aligned with Common Core Standards. The course offers a rigorous curriculum that includes a variety of complex, board-approved fiction, nonfiction, and poetry. Students will explore universal themes that are present in American literature and apply their newfound insights to the real world. Students will develop skills in grammar, vocabulary, composition, verbal communication, reading strategies, and digital literacy through collaboration, interpretation, reflection, and synthesis.



COURSE DESCRIPTIONS

Expository Reading and Writing

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: Completed English III OR Completed American Cultures

The goal of Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in a yearlong, rhetoric-based course develop advanced proficiencies in expository, analytical, and argumentative reading and writing. The cornerstone of the course—the assignment template—presents a process for helping students read, comprehend, and respond to nonfiction and literary texts. Modules also provide students in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors, and to apply those strategies in their own writing.

IB /AP English Language and Composition

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11: Passed English II with an “A” AND teacher recommendation OR Passed Honors English II (B or better) OR Passed Honors English II with a “C” AND teacher recommendation

This course offers a rigorous preparation for college level writing and emulates a first-year college composition class by preparing students to “write effectively and confidently in their college courses across the curriculum and in their professional and personal lives” (College Board). Students will read and analyze a wide range of non-fiction texts—from newspaper editorials, to travel writing, to literary non-fiction, to biography, to sermons. Although most of the texts for the course are non-fiction, some works of fiction will be studied. In terms of reading, students will learn how to analyze and critique a wide range of non-fiction texts. Students will become familiar with the rhetorical strategies that make for effective, persuasive writing. Specific attention will be paid to the development and analysis of a written argument. Students will learn how to identify the elements of a strong argument and will grow to improve their own written arguments. Furthermore, in terms of writing, students will improve their mastery of standard written English and will grow in their ability to produce “analytic and argumentative compositions that introduce a complex idea and develop it” through the use of evidence. Students will continue to develop their ability to revise their own writing—improving upon its strengths and removing its weaknesses.

IB English Literature and Composition

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: Passed AP/IB Lang/Comp (C or better) AND Earned a 3 or higher on AP Language Exam OR IB Diploma or IB Certificate Candidate

Students in this college-level course read and carefully analyze both English and American literature written in a variety of time periods, from 16th Century through the contemporary period. This course will provide students with the intellectual challenges and workload consistent with a typical sophomore undergraduate English Literature class. At the culmination of the course, the students will take the AP English Literature and Composition Exam given in May. Based on their scores, they may be granted advanced placement, college credit, or both at colleges and universities throughout the United States.



COURSE DESCRIPTIONS

Academic Language Development I

UC/CSU: Does not meet UC/CSU a-g Requirements

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12: See your Guidance Office for Details

In this course, English language learners (ELs) who have participated in the program for over three years will continue to acquire academic language proficiency in English. The students will continue to develop the four language domains of listening, speaking, reading, and writing by participating in more rigorous and demanding thematically organized, practical, and interactive contexts using adopted curriculum. Students in this class are concurrently enrolled in grade level English. The course goals and objectives are based on the California ELD Standards: Grades 9 -12.

English for English Learners I

UC/CSU: b

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12: Students in this class are concurrently enrolled in ELD I or ELD II and have participated in the program for 2 or less years.

This course is designed to serve as a bridge to mainstream English classes for students at the emerging level of English proficiency. Students read and write across a variety of genres, applying knowledge of language to derive meaning from text, and express themselves appropriately for different audiences and purposes. This course addresses the California Common Core English Language Arts Standards for grade 9-12 as well as the California ELD Standards: Grades 9-12.

English for English Learners II

UC/CSU: Does not meet UC/CSU a-g Requirements

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12: Students in this class have completed English for English Learners I and are concurrently enrolled in ELD 2 or higher. This class is appropriate for students who have participated in the program for three or less years.

This course is designed to serve as a bridge to mainstream English classes for those students who due to limited English proficiency continue to need targeted support in literacy. Students read and write across a variety of genres, applying knowledge of language to derive meaning from text, and express themselves appropriately for different audiences and purposes. This course addresses the California Common Core English Language Arts Standards for grade 9-12 as well as the California ELD Standards: Grades 9-12.

Emerging English Language Development I

UC/CSU: Does not meet UC/CSU a-g Requirements

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12: See Guidance Office for Details

In the ELD 1 course, beginning English language learners (ELs) will acquire basic interpersonal communicative skills and academic English instruction. Students will develop the four language domains of listening, speaking, reading, and writing by participating in thematically organized, practical, and interactive contexts. Learning activities are conducted in English. In the ELD 1 course, an adopted curriculum is used to accelerate students' language acquisition. Students in this class concurrently take English Fundamentals 1. The course goals and objectives are based on the California ELD Standards: Grades 9-12.



COURSE DESCRIPTIONS

Expanding English Language Development II

UC/CSU: Does not meet UC/CSU a-g Requirements

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12: See Guidance Office for Details

In the ELD 2 course, beginning or early intermediate English language learners (ELs) will continue to acquire basic interpersonal communicative skills and will begin to acquire cognitive-academic language proficiency in English. Students will continue to develop the four language domains of listening, speaking, reading, and writing by participating in thematically organized, practical, and interactive contexts. Learning activities are conducted in English. In the ELD 2 course, the adopted curriculum is used to develop students' literacy and writing skills. Students in this class are concurrently enrolled in English Fundamentals 2 or grade level English. The course goals and objectives are based on the California ELD Standards: Grades 9-12.

Bridging English Language Development III

UC/CSU: Does not meet UC/CSU a-g Requirements

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12: See Guidance Office for Details

In this course, English language learners (ELs) will continue to acquire academic language proficiency in English. The students will continue to develop the four language domains of listening, speaking, reading, and writing by participating in more rigorous and demanding thematically organized, practical, and interactive contexts using adopted curriculum. Students in this class are concurrently enrolled in grade level English. The course goals and objectives are based on the California ELD Standards: Grades 9-12.



COURSE OFFERINGS

MATHEMATICS DEPARTMENT
Algebra 1
Algebra 2
AP Calculus AB
AP Calculus BC
AP Computer Science A
AP Statistics
Beginning Personal Finance
Geometry
Honors Algebra 2/Trigonometry
Honors Precalculus
Math for the College Bound
Math Lab/Competency
Precalculus
Topics in Calculus



COURSE DESCRIPTIONS

Algebra 1

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: Grade level course (no criteria needed)

This course focuses on deepening and extending understanding of linear and exponential relationships, contrasting linear and exponential relationships with each other and engaging in methods for analyzing, solving, and using quadratic functions, extending the laws of exponents to square and cube roots, and applying linear models to data that exhibit a linear trend.

Algebra 2

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: Pass Geometry

This course focuses on relating arithmetic of rational expressions to arithmetic of rational numbers, expanding understandings of functions and graphing to include trigonometric functions, synthesizing and generalizing functions and extending understanding of exponential functions to logarithmic functions, and relating data, display and summary statistics to probability and exploring a variety of data collection methods.

AP Calculus AB

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Earn a "B-" or higher both semesters in Honors Precalculus

This course focuses on solving problems involving functions and models, limits and derivatives, differentiation rules, applications of differentiation, integrals, applications of the integral, and differential equations (see Advanced Placement information in CUSD Course Catalog).

AP Calculus BC

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11: Earn an "A-" or higher both semesters in Honors Precalculus; Grade 12: (1) Earn an "A-" or higher both semesters in Honors Precalculus OR (2) Earn a "B-" or higher both semesters in AP Calculus AB

This course focuses on solving problems involving limits and derivatives, differentiation rules, applications of differentiation, integrals, applications of the integral, techniques of integration, further applications of integration, differential equations, parametric equations, polar coordinates, and infinite sequences and series (see Advanced Placement information in CUSD Course Catalog).



COURSE DESCRIPTIONS

AP Computer Science A

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12; recommended enrollment in Precalculus or beyond

This course is intended as an introductory course for students who contemplate majoring in computer science at the university level or other disciplines that require significant involvement with computing. This course emphasizes programming methodology and procedural abstraction, and includes the study of algorithms, data structures, and data abstraction. Students will learn to code fluently in a well-structured fashion utilizing a subset of the JAVA language. The course includes an introduction to classes and object oriented programming, as well as well-known algorithms and data structures.

AP Statistics

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: Earn a "B-" or higher both semesters in Honors Algebra 2/Trigonometry

This course focuses on solving problems involving exploratory analysis, planning a study, probability, and statistical inferences.

Beginning Personal Finance

UC/CSU: Does not meet UC/CSU a-g Requirements

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Geometry

This course focuses on practical mathematics, earning money, purchasing, banking, credit, transportation, expenses, taxes, living expenses and budgeting, investing, and college and career planning.

Geometry

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: (1) Earn a 4-quarter 3.00 GPA or higher in Algebra 1 and score 75% or higher on the Algebra 1 End-of-Course Final Exam OR (2) Earn a 4-quarter 2.75 GPA or higher in Algebra 1 and score 85% or higher on the Algebra 1 End-of-Course Final Exam; Grades 10-12: Pass Algebra 1

This course focuses on establishing criteria for congruence of triangles based on rigid motions, establishing criteria for similarity of triangles based on dilations and proportional reasoning, informally developing explanations of circumference, area, and volume formulas, applying the Pythagorean Theorem to the coordinate plane, proving basic geometric theorems, and extending work with probability.



COURSE DESCRIPTIONS

Honors Algebra 2/Trigonometry

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: (1) Earn a 4-quarter 3.00 GPA or higher in Geometry and score 75% or higher on the Geometry End-of-Course Final Exam OR (2) Earn a 4-quarter 2.75 GPA or higher in Geometry and score 85% or higher on the Geometry End-of-Course Final Exam; Grades 10-12: Earn a "B" or higher both semesters in Geometry

This course focuses on the Algebra 2 concepts, plus additional topics such as analyzing and graphing polynomial functions, analyzing and graphing conic sections, expanding the understanding of systems of linear and nonlinear equations and inequalities with the application of linear programming, matrices and determinants, a study of series and sequences with mathematical induction, as well as graphing and applying advanced trigonometric functions.

Honors Precalculus

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: Earn a "B-" or higher both semesters in Honors Algebra 2/ Trigonometry

This course focuses on the Precalculus concepts, plus more advanced topics such as solving problems involving vectors, polar coordinates, sequences and series, DeMoivre's Theorem, probability and statistics.

Math for the College Bound

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: Passed any Algebra 2 course

This course focuses on a combination of selected precalculus and statistics concepts, including solving problems involving polynomial, rational and trigonometric functions, linear systems and matrices, limits, exploring and comparing data, and probability distributions.

Math Lab/Competency

UC/CSU: No

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Please consult your guidance office for more information

This course focuses on the basic arithmetic operations, properties and graphing skills that are used in algebra. Students will develop a better understanding of integers, variables, ratios, proportions, and exponents in order to solve and analyze basic algebraic expressions, equations, and inequalities. Students will extend their understanding of algebra through problem-solving, properties of numbers and equality, and graphing algebraic relations to solve simple linear equations.



COURSE DESCRIPTIONS

Precalculus

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: Passed any Algebra 2 course

This course focuses on solving linear and nonlinear systems of equations and inequalities, matrices and determinants, graphing quadratics and polynomials, and solving problems involving exponential and logarithmic functions, trigonometric functions, and sequences and series.

Topics in Calculus

UC/CSU: c

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Precalculus or Honors Precalculus

This course focuses on functions and models, limits and derivatives, differentiation rules, applications of differentiation, integrals, applications of the integral, integration by parts, and differential equations.



COURSE OFFERINGS

SCIENCE DEPARTMENT

Anatomy & Physiology

AP Biology

AP Chemistry

AP Computer Science Principles

AP Environmental Science

AP Physics 1

AP Physics C

Biology

Chemistry

Conceptual Physics

Honors Anatomy & Physiology

Honors Biology

Honors Chemistry



COURSE OFFERINGS

SCIENCE DEPARTMENT

IB/AP Environmental Science

IB Biology HL

IB Chemistry SL

IB Marine Science SL

IB Physics SL

IB Physics HL

Marine Ecology

Physics



COURSE DESCRIPTIONS

Anatomy & Physiology

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: Passed a Physical Science

This is a course designed to give students a more specific understanding of how the human body works. The major organ systems of the body, the structures and their functions are covered thoroughly, as well as those general and most common problems and disorders. This course is taught using higher problem solving and critical thinking skills, increased number of case studies, dissections, more organ systems and disorders. This course is designed to expose students who desire to further their education and are curious about and/or are contemplating a profession in the medical field. Students will be encouraged to engage in thoughtful debates and discussions about current medical practices and procedures on their own.

AP Biology

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Chemistry (B or better) OR Passed Honors Chemistry (C or better)

This inquiry and investigative laboratory-based course is an advanced course equivalent to the first year of college biology. Course content includes: biochemistry, cells and tissues, cell chemistry, plant and animal classification, animal physiology, reproduction and genetics, evolution, ecology, interactions. Students who complete this course are expected to take the AP Exam in Biology.

AP Chemistry

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11-12: Passed Honors Chemistry (B or better)

This inquiry and investigative laboratory-based course is an advanced course equivalent to first-year college chemistry. Emphasis is placed on in-depth study of the structure of matter, states of matter, reactions, descriptive chemistry, and chemical calculations. Students who complete this course are expected to take the AP Exam in Chemistry.

AP Computer Science Principles

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving.



COURSE DESCRIPTIONS

AP Environmental Science

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Chemistry (B or better) OR Passed Honors Chemistry (C or better)

This lecture and laboratory-based course is equivalent to one semester of college environmental science. It emphasizes the interdependency and complexity of the natural world and the impact of human activity on the global ecosystem. Topics include energy, matter, Earth, atmosphere, biosphere, human population dynamics, renewable and nonrenewable resources, environmental quality, global changes and their consequences, and environment and society. Students who complete this course are expected to take the AP Exam in Environmental Science.

AP Physics 1

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Chemistry (Earned an A) OR Passed Honors Chemistry (C or better) AND Passed Honors Algebra II/Trig (C or better)

The AP Physics 1 course focuses on the understanding concepts and equations that are stressed in the AP topic outline. The concepts that will be covered in the school year include vectors and their applications in all of the Physics topics covered, Kinematics, Circular Motion, Forces and Gravitation, Momentum and Inertia, Work and Energy, Rotation and Torque, Simple Harmonic Motion and Waves, Electricity and Circuits. Throughout the year we will focus on the practical applications of these topics. The AP course provides an opportunity for students to display their knowledge in an engineering setting with our quarter projects.

AP Physics C

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 12: AP Physics 1 (B or better) AND Enrolled in IB/AP Calculus AB/BC

This laboratory course is equivalent to first-year college Physics. Principles of classical mechanics and electromagnetics are developed. Emphasis is on analysis of physical systems and solving equations. The sequence is more intense than the B course, as problem solving requires differential and integral calculus. Students who complete this course are expected to take the AP Exam in Physics C.

Biology

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: A,B,C,D - Science 8

This investigative laboratory oriented course emphasizes the basic structural, physiological, ecological, evolutionary, and genetic principles as they pertain to living organisms. Critical thinking and problem solving are integral components of the curriculum. The course is also designed to help all students develop an appreciation of the natural world and an understanding of biology's role in society.



COURSE DESCRIPTIONS

Chemistry

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: Passed Biology (C or better) AND Passed Algebra I (B or better)

This inquiry and laboratory-based course emphasizes chemical principles, which investigate the composition, behavior and organization of matter at an atomic and nuclear level. Emphasis is placed on developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of quantitative evaluation of the atom, elements, periodic table, chemical reactions, kinetics, thermodynamics, equilibrium, nuclear chemistry, and energy transfer. Students will be expected to engage in, design, and evaluate investigations in the laboratory setting.

Conceptual Physics

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: Passed Biology

Conceptual Physics is an introductory course in the foundations of Physics. Emphasis will be on the development of an intuitive understanding of physics principles and concepts. Students will also learn problem solving skills using basic algebra as it applies to the physics concepts. Laboratory work will help students develop reasoning power, focus on investigation skills, and apply physics principles to multiple circumstances and scenarios. This course emphasizes a study of motion with basics in Mechanics, Heat, Electricity and Magnetism, Sound and Light.

Honors Anatomy & Physiology

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Chemistry (B or better) OR Passed Honors Chemistry (C or better); Students who completed Anatomy & Physiology may not enroll in Honors Anatomy & Physiology

Honors Anatomy and Physiology explores the systems comprising the human body emphasizing the relationship between structure and function. Special emphasis is placed on the interdependence of body systems and the maintenance of normal parameters (homeostasis). As compared to the general Anatomy and Physiology course, the honors course covers human systems in greater detail at a faster pace. Students in the honors course are expected to engage in more self-guided learning related to research topics and problem solving. The honors course is designed to prepare students who are contemplating a profession in the medical field and will feature extensive lab practicum exams and dissection activities.

Honors Biology

As a 9th grade course this course is not eligible to receive UC honors recognition. The course does have a local weighted grade which will be included in overall GPA calculation.

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: Passed Science 8 (earned an A) AND Passed Algebra 1 (B or better) Enrolled in Geometry AND Passed English 8 ACC (B or better) OR Passed English 8 (earned an A)

Honors Biology is an advanced investigative laboratory course examining the structural and physiological characteristics of life from the molecular to the organismal level. Further emphasis will focus on analyzing and constructing patterns of biological interactions within ecosystems based upon selective pressures of speciation. Students will be using critical thinking skills to formulate arguments based on scientific data to explain natural phenomenon and design solutions to current global problems.



COURSE DESCRIPTIONS

Honors Chemistry

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 10-12: Passed Biology (earned an A) OR Passed Honors Biology (C or better) AND Passed Algebra I (earned an A) AND Enrolled in Geometry or higher Recommended: Enrolled in Alg. II; students who completed Chemistry can not enroll in Honors Chemistry

Honors Chemistry is an elective, college preparatory class designed to meet the needs of students with a strong background in mathematics and science. This course offers students a chance to learn the fundamental principles of chemistry, to learn safe laboratory techniques, to learn proper handling techniques of various chemical substances, and to develop problem solving and critical thinking skills needed to succeed at the college level. Students participate in multiple inquiry based investigations that are aligned with the California NGSS standards. Students collaborate and communicate their findings and understanding in different formats such as lab reports, individual and/or group presentations and research papers. Students interested in pursuing careers in healthcare, engineering, pharmacology, research, veterinary medicine, science teaching, lab technology, or any related field are strongly encouraged to take this course.

IB/AP Environmental Science

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Biology (B or better) AND Passed Chemistry (B or better) OR Passed Honors Chemistry (C or better) OR Physics (B or better)

This lecture and laboratory-based course is equivalent to one semester of college environmental science. It emphasizes the interdependency and complexity of the natural world and the impact of human activity on the global ecosystem. Topics include energy, matter, Earth, atmosphere, biosphere, human population dynamics, renewable and nonrenewable resources, environmental quality, global changes and their consequences, and environment and society. Students who complete this course are expected to take the AP Exam in Environmental Science.

IB Biology HL

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: AP or IB Life Science course (B or better) OR B in Honors Anatomy & Physiology

This inquiry and investigative laboratory-based course is an advanced course equivalent to the first year of college biology. Course content includes: biochemistry, cells and tissues, cell chemistry, plant and animal classification, animal physiology, reproduction and genetics, evolution, ecology, interactions. Students who complete this course are expected to take the AP Exam in Biology.



COURSE DESCRIPTIONS

IB Chemistry SL

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: SCHS only Grade 12: Completion of AP Chemistry

The IB curriculum model applies to all Diploma Group 4 subjects: biology, chemistry, environmental systems, physics and design technology. A core of material is studied by both higher and standard level students. Standard Level students will study options and complete an interdisciplinary project. The IB chemistry course is designed to develop an in-depth understanding of the major areas of chemistry. The SL curriculum requires a student to spend 40 hours of laboratory investigation time of which 15 hours is devoted to the interdisciplinary group project.

IB Marine Science SL

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: C or better in Biology and Chemistry or Physics. Students may enroll in this course even if they are not enrolled in the IB program.

IB Marine Science is an Honors level college preparatory science course that is aligned with the Next Generation Science Standards and includes the following topics: Earth Science (origin and structure of oceans, dynamics of Earth's crust, plate tectonics and seismic activity); Physical and Chemical Oceanography (waves, tides, currents, ocean circulation, chemical properties of seawater, ocean acidification); Marine Biology (primary productivity, marine organisms, marine ecosystems); Environmental Science (atmospheric circulation, climate changes, climate modeling, marine ecosystem conservation); and Biotechnology (human activities and human threats to marine ecosystems, biochemical and medicinal opportunities of marine ecosystems, deep sea mining, overfishing and pollution).

IB Physics SL

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11-12: AP Physics 1 (B or better) AND Enrolled in IB/AP Calculus AB/BC

Students wishing to pursue careers in medicine, engineering, mathematics and science should consider including this course as part of their preparation for those careers. This course fulfills the requirements for students wishing to take examinations in physics for possible college credit. At the end of this course, students will be prepared to take any of these non-calculus examinations: AP Physics 1, IB Physics SL, or the SAT II Physics. The course places an emphasis on experimentation and the use of complex mathematical models to analyze the results of experiments. Topics in this course are greater than required by any one of the examinations and include: Newtonian mechanics, energy, circular motion and gravitation, waves and optics, thermal physics, circuits, electricity and magnetism, atomic and nuclear physics. A key component of this course will be the preparation and presentation of an in-depth investigation of the student's choice in a course related topic.



COURSE DESCRIPTIONS

IB Physics HL

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11-12: AP Physics 1 (B or better) AND Enrolled in IB/AP Calculus AB/BC

IB Physics HL is the second of a two-year sequence designed to qualify students to take the International Baccalaureate exam in physics (Standard or Higher level). The second year builds on topics from year one including: gravitation and projectile motion, thermodynamics, wave phenomenon, electromagnetism, quantum physics, general relativity, and optics. Lab work continues to emphasize student experimental design. The standards students are expected to meet include demonstrating an understanding of physics concepts, methods, and techniques including both theoretical (problem solving) and practical (lab-based) work.

Marine Ecology

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: Passed Biology (C or better) AND Passed a Physical Science

Marine Ecology is a college-prep laboratory course that emphasizes the interrelationships between marine organisms and the physical environments in which they live. The comprehensive focus of this course covers both Physical and Biological Oceanography. Students will be engaged in multiple inquiry based collaborative laboratory investigations that will develop problem solving and critical thinking skills to formulate arguments based on scientific data to explain natural phenomenon and design solutions to current global problems.

Physics

UC/CSU: d

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 10-12: Passed Biology (B or better) OR Passed Honors Biology (C or better) AND Enrolled in Algebra II or higher

Physics is an introductory course for the college-bound student who wishes to undertake a challenging science course. This course is designed to help all students develop a basic understanding of physics and is a great link to mathematics with its regular use of Algebra/Trigonometry skills. This course emphasizes a study of motion with basics in Mechanics, Thermal Energy, Electricity and Magnetism, Sound and Light. The ultimate goal of this course is to teach students how to think like a physicist by communicating clearly, sorting through ideas and relating them to concepts.



COURSE OFFERINGS

SOCIAL SCIENCE DEPARTMENT

American Cultures

American Government

AP Art History

AP Economics/Government

AP European History

AP Government/Economics

AP Psychology

AP US History

Economics

Honors World History

IB Global Politics HL

Psychology

Sociology

TWI World History/Honors

US History

World History



COURSE DESCRIPTIONS

American Cultures

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11: Listed as "AmCul/HisAcc" in Aeries portal; This course meets the US History grad requirement; Enrolled in American Cultures (English) AND Earned a B or better in 10th grade social science OR Earned a C or better in 10th grade AP social science

This interdisciplinary humanities course combines the study of American history and literature with instruction in advanced composition skills: narration, exposition, and persuasion. Students study the development of the American culture from 1600 to the present through an analysis of the beliefs, values, and customs that have shaped America. It is a team taught by instructors of history and literature/composition and fulfills two 11th grade requirements: U.S. History and English III. Students must be concurrently enrolled in American Culture/Composition.

American Government

UC/CSU: a

NCAA: Yes

Length: Semester - 5 Credits

Placement Guidelines: Grade 12: This course counts towards the Econ/Gov grad requirement, Note: Students take American Government for a semester and Economics for a semester

This course focuses on the major events that have helped to shape the modern political world. This course is aligned with the California State Framework and will provide students with a concise, yet detailed understanding of the United States political structure, past and present.

AP Art History

UC/CSU: f

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: This course is a VPA elective, NOT social science credit, Earned a B or better in English I OR Earned a C or better in Honors English II AND Passed Honors World History OR concurrent enrollment in World History OR concurrent enrollment in AP European History

This course is equivalent to a two-semester college survey course exploring the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, students develop in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art. This course is designed to prepare students for the AP examination.



COURSE DESCRIPTIONS

AP Economics/Government

UC/CSU: g

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: This course meets the Econ/Gov graduation requirement, Listed as “Econ/Gov AP” in Aeries portal; Earned a B or better in US History OR Earned a B or better in Am. Cultures/Hist. Acc. OR Earned a C or better in AP US History

This course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole, emphasizing the study of national income and price determination. The course develops students' familiarity with economic performance measures, economic growth and international economics. This course is designed to prepare students for the AP examination.

AP European History

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 10: This course meets the World History grad requirement, Earned a B or better in English I OR Enrolled in Honors English II

This course focuses on developing students' understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places. This course is designed to prepare students for the AP examination.

AP Government/Economics

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: This course meets the Econ/Gov graduation requirement; Listed as “AP American Gov’t /Econ” in Aeries portal; Earned a B or better in US History OR Earned a B or better in Am. Cultures/Hist. Acc. OR Earned a C or better in AP US History

This course will give students an analytical perspective on government and politics in the United States. Students will study in depth the U.S. Constitution, various governmental institutions, the role played by interest groups and political parties, as well as an examination of the beliefs and values that make up American political culture. Students will analyze and explain typical political processes/beliefs and their consequences. This course is designed to prepare students for the AP examination.

AP Psychology

UC/CSU: g

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11: A or B in Grade 10 Soc. Sci. Course or A, B or C in Grade 10 AP Soc. Sci. Course; Grade 12: A or B in Grade 11 Social Science Course or A,B or C in Grade 11 AP Soc. Sci. Course

This course introduces students to the study of the mind and behavior. The course covers a wide range of topics. These include research methods, human development, sensation, perception, learning, cognition, motivation, emotion, personality, intelligence, mental disorders, biological psychology, social psychology and health psychology. AP Psychology is a weighted course designed to prepare students for the AP examination.



COURSE DESCRIPTIONS

AP US History

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11: This course meets the US History grad requirement; Enrolled in AP/IB Language and Composition OR Earned a B or better in 10th grade social science OR Earned a C or better in 10th grade AP social science

This course is a full year survey in American history. The course timeline begins in the Pre Columbian era and concludes in the present day. The course will be taught chronologically with an emphasis placed on major themes as they unfold throughout the nation's history. The course is designed for students who wish to take the AP exam in early May or those who wish to complete an advanced study of American history. The AP US History exam presumes at least one full academic year of college level preparation; the course will attempt to replicate that preparation. Course content is dictated by the College Board, the author of the AP exam, and will include all elements of the California state standards for 11th grade US History.

Economics

UC/CSU: g

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: This course counts towards the Econ/Gov grad requirement, Note: Students take American Government for a semester and Economics for a semester

This required course provides a survey of economic concepts and skills that will give students a sound grasp of both the theoretical and practical approaches to economics including micro and macroeconomics. This course also emphasizes global interdependence, including a unit on world trade. A unit on finances, investment and banking is also included.

Honors World History

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9: This course meets the World History grad requirement Enrolled in Honors English I or Meets the criteria for Honors English I; Recommendation: Concurrent enrollment in Honors English 1. This combination is designed to prepare students for the rigors of AP classes their sophomore year. ***This class will receive a weighted grade for CUSD Only***

This course will provide students with a rigorous course focused on developing their understanding of the world's major historical events beginning with the rise of democracy and ending with modern revolutions. In line with California Common Core State Standards, the class takes a chronological approach to the curriculum where students will identify, analyze and evaluate major historical themes as well as the historical roots of current world issues. Areas to be studied Include the Rise of Democracy, Age of Enlightenment, Revolutions, the Industrial Revolution, Imperialism, World War I, Totalitarianism, World War II, the Cold War, and the Modern World. Students will study major historical themes throughout the course including politics and the rise of democratic ideas in order to develop an understanding of the historical roots of current world issues, especially within the international community. Students will learn and extensively practice a variety of skills including, but not limited to: analyzing primary and secondary documents, crafting articulate, well-written DBQ responses, and completing inquiry-based projects. These practices will best prepare them for success in future courses taken within the International Baccalaureate and Advanced Placement Programs.



COURSE DESCRIPTIONS

IB Global Politics

UC/CSU: g

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12: This course meets the Econ/Gov graduation requirement, Priority given to IB Diploma students, Earned a C or better in AP US History

Global Politics Higher Level explores fundamental political concepts such as power, equality, sustainability and peace in a range of contexts. It allows students to develop an understanding of the local, national, international, and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The course helps students to understand abstract political concepts by grounding them in real-world examples and case studies. It also invites comparison between such examples and case studies to ensure a wider transnational perspective.

Psychology

UC/CSU: g

NCAA: Yes

Length: 5 credits (semester paired with Sociology)

Placement Guidelines: Grade 11 and 12: no criteria needed; This course is a Social Science Elective

This is a one semester introductory course designed to survey the major principles of Psychology. Psychology is an academic and applied discipline that involves the scientific study of mental functions and behaviors. Psychologists attempt to understand the role of mental functions in individual and social behavior, while also exploring the physiological and biological processes that underlie cognitive functions and behaviors. Psychologists explore concepts such as perception, cognition, attention, emotion, motivation, brain functioning, personality, behavior, and interpersonal relationships.

Sociology

UC/CSU: g

NCAA: Yes

Length: 5 credits (semester paired with Psychology)

Placement Guidelines: Grade 11 and 12: no criteria needed; This course is a Social Science Elective

This course provides the student with a scientific understanding of human groups. Group interaction, conformity versus individualism, social change, social planning, minority groups, crime and poverty, suicide, and other current topics are covered in the context of human relationships and interactions.

TWI World History (10th grade) / TWI Honors World History (9th grade)

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 9 or 10; This course meets the World History grad requirement, HonorsTWI only offered to 9th graders in TWI program with concurrent enrollment in Spanish IV

Explores the key events and global historical developments since 600 B.C.E to the world we live in today. World History allows students to engage, interpret and analyze various aspects of human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. This course prepares students for AP European History. *Students taking the honors course as 9th graders will receive honors credit.



COURSE DESCRIPTIONS

US History

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 11: Completed World History, college prep; this course meets the US History grad requirement

This course is designed to give students an in depth look at the history of the United States during the 20th century. The course will begin with a brief review of the founding and early development of our country, through the Civil War and leading to industrialization. There will be a focus on examining primary source documents to better understand the key issues and themes that have shaped the United States during the 1900's. Students will be challenged to interpret and analyze historical information through the eyes of those who lived it, in order to better understand the country and world we live in.

World History

UC/CSU: a

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 10: This course meets the World History grad requirement; listed as "Wh/Geo/Cult" in Aeries portal

This course will focus on the study of major turning points that shaped the modern world, beginning with the rise of democracy and ending with modern revolutions. In line with California Common Core State Standards, the class takes a chronological approach to the curriculum where students will identify, analyze and evaluate major historical themes as well as the historical roots of current world issues. Areas to be studied include the Rise of Democracy, Age of Enlightenment, the Industrial Revolution, Imperialism, World War I, Totalitarianism, World War II, the Cold War, and the Modern World. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. They will also learn a variety of skills including, but not limited to: analyzing primary and secondary documents and crafting articulate, well-written DBQ responses.



COURSE OFFERINGS

World Language Department

American Sign Language I

American Sign Language II

American Sign Language III

American Sign Language IV

French I

French II

French III

IB French HL

IB French 4 SL



COURSE OFFERINGS

World Language Department
Spanish I
Spanish I
Spanish II
Spanish III
Spanish IV
AP Spanish IV
IB Spanish SL
IB Spanish HL
Spanish for Spanish Speakers I
Spanish for Spanish Speakers II
TWI (Two-way immersion) Spanish III



COURSE DESCRIPTIONS

American Sign Language I

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This year-long course will provide students with communicative experiences in the target language necessary to gain and give information for personal and social purposes in various contextual settings. Students receive world language credit for the successful completion of the course.

American Sign Language II

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12 Recommended - Successful completion with a C or above in Sign Language I

All sign classes are year long courses. Sign II deals with the “nuts and bolts” of ASL grammar and sentence structure. Students learn to apply all the different grammatical classifiers. They will learn how movement can modify a sign’s meaning, how to use their bodies, eyes and heads to create phrasing agreement & when and why facial grammar.

American Sign Language III

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 11-12 Recommended - Successful completion with a C or above in Sign Language I & 2

Sign three expands from 2 dimensional presentations previously learned in ASL II to 3 dimensional storytelling. Focus changes from just vocabulary and grammar to emphasis on sign space, and how it functions to help enhance communication. Students learn to utilize material in new and creative ways. They are introduced to translating written text into ASL and improve ability to make formal presentations, and begin to learn about interpreting by volunteering to interpret school functions (with help of course).

American Sign Language IV

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grade 12 Required: Completion of ASL III with C or above

Sign IV is all about application. First, students learn how to interpret drama, including acting as interpreters for the fall school play. They learn about sign systems such as SIGNING EXACT ENGLISH (SEE) used in education. They teach in preschool. They learn about how to interpret written medical information into ASL. And finally, storytelling which is the most important part of the Deaf Community.



COURSE DESCRIPTIONS

French I

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12; no criteria needed

This year-long college prep elective provides the student with communicative experiences in the target language necessary to gain and give information for personal and social purposes in various contextual settings. The course offers students without any previous formal French experience the opportunity to study the basic principles for learning to speak, read, and write the French language.

French II

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12; successful completion of French I

This year-long college prep elective offers students who have successfully completed French I or the equivalent the opportunity to continue the study of the basic principles of the French language. The language used is authentic and current, reflecting the language spoken and read in a Francophone society. Instruction is student-centered and communication-based.

French III

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12: successful completion of French II

This course offers students who have successfully completed French II or the equivalent the opportunity to continue the study of the French language and culture. The student is provided with communicative experiences in the target language necessary to inform, inquire after, and give information in more complex situational contexts.

IB French 4 SL

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 11-12: successful completion of French III

This yearlong course is conducted entirely in French. The course aims to develop linguistic competence and intercultural understanding. Readings and discussions are based on the IB core themes of Communication and Media, World Issues, Social Relations as well as at least two of the following IB options: Customs and Traditions, Cultural Diversity, Leisure, Health and Science and Technology. Students who successfully complete this course will be prepared to take the IB French Standard Level exam.



COURSE DESCRIPTIONS

IB French HL

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 12

This yearlong course is conducted entirely in French. The course aims to deepen linguistic competence and intercultural understanding. Readings and discussions are based on the IB core themes of Communication and Media, World Issues, Social Relations as well as at least two of the following IB options: Customs and Traditions, Cultural Diversity, Leisure, Health and Science and Technology. This course places additional emphasis on discussion of controversial and philosophical topics. Additionally, there is a literature component. Students who successfully complete this course will be prepared to take the IB French Higher Level exam.

Spanish I

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course provides the student with communicative experiences in the target language necessary to gain and give information for personal and social purposes in various contextual settings. The course offers students without any previous formal Spanish experience the opportunity to study the basic principles for learning to speak, read, and write the Spanish language.

Spanish II

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course offers students who have successfully completed Spanish I or the equivalent the opportunity to continue the study of the basic principles of the Spanish language. The language used is authentic and current, reflecting the language spoken and read in a Spanish-speaking society. Instruction is student-centered and communication-based.

Spanish III

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

This course offers students who have successfully completed Spanish II or the equivalent, the opportunity to continue the study of the Spanish language and culture. The student is provided with communicative experiences in the target language necessary to inform, inquire after, and give information in more complex situational contexts. A student must pass either 10 credits of fine arts or 10 credits of the same world language in order to graduate. All the following world language courses are approved for the University of California and are recommended for college preparatory students. situational contexts.



COURSE DESCRIPTIONS

Spanish IV

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

Spanish only is spoken by teachers and students. The course emphasizes speaking fluency and vocabulary extension. This course may be selected by students preparing for advanced language acquisition yet not seeking Advanced Placement credits.

AP Spanish IV

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades 10-12

Spanish only is spoken by teachers and students at this level. The course emphasizes speaking fluency and vocabulary extension. Grammar is used more as a source to pinpoint weaknesses and errors than as a consecutive study. Short stories, novels, news papers, poetry, and other sources, which reflect the greatness of Spanish literature, are studied and read. Oral discussion in Spanish is conducted on an individual, small group, and large group basis. After completion of this course, some students may elect to take the Advanced Placement examination in the Spanish language.

IB Spanish HL

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 11-12

This yearlong course is conducted entirely in Spanish. The course aims to develop linguistic competence and intercultural understanding. Readings and discussions are based on the IB core themes of Communication and Media, World Issues, Social Relations as well as at least two of the following IB options: Customs and Traditions, Cultural Diversity, Leisure, Health and Science and Technology. Students who successfully complete this course will be prepared to take the IB Spanish Standard Level exam.

Spanish for Spanish Speakers I

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This year-long college prep elective is designed to further develop and improve the overall Spanish linguistic skills students already possess. Students in this class will not only learn the standard forms of the language, but will also explore and expand their understanding of the Hispanic world and its presence in the United States through literature, history, geography, and cultural units. For this purpose, pupils will participate in learning activities which emphasize meaningful communication, fluency, critical thinking skills, cultural awareness, and positive self-image. This course is designed to create bilingual, biliterate, and bicultural students.



COURSE DESCRIPTIONS

Spanish for Spanish Speakers II

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This year-long college prep elective offers students who have successfully completed Spanish for Spanish Speakers I or the equivalent, the opportunity to further develop and improve the overall Spanish linguistic skills students already possess. Students in this class will not only learn the standard forms of the language, but will also explore and expand their understanding of the Hispanic world and its presence in the United States through literature, history, geography, and cultural units. For this purpose, pupils will participate in learning activities which emphasize meaningful communication, fluency, critical thinking skills, cultural awareness, and positive self-image. This course is designed to create bilingual, biliterate and bicultural students who will be prepared to continue with their formal study of Spanish in the upper level courses.

Two-way Immersion (TWI) Spanish Speakers III (**for dual immersion students)

UC/CSU: e

NCAA: Yes

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This year-long course is designed to further strengthen language proficiency for Two-Way Immersion students. Students will participate in learning activities which emphasize meaningful communication, fluency, critical thinking skills, and cultural awareness. This course is designed to create bilingual, biliterate and bicultural students. This course is open to students who demonstrate prerequisite competencies in oral and/or written Spanish.

Spanish Pathways for TWI students

Two-Way Immersion Program

	Standard Pathway	Accelerated Pathway
9 th	TWI III	9 th Spanish IV
10 th	Spanish IV	9 th TWI World History Honors
10 th	TWI World History	10 th IB Spanish Standard Level
11 th	IB Spanish Standard Level	11 th AP Spanish Language & Culture
12 th	AP Spanish Language & Culture	12 th IB Spanish Higher Level



COURSE OFFERINGS

Visual and Performing Arts Department

3D Media Design **CCA**

A Capella Choir

AP Art History

AP Music Theory

AP Studio Art: 2D Design

Architectural Design **CCA**

Art of Animation **CCA**

Bel Canto

Ceramics Advanced

Ceramics I

Chamber Orchestra



COURSE OFFERINGS

Visual and Performing Arts Department

Commercial Music **CCA**

Concert Band

Dance Performance I

Dance Performance II

Digital Pub Design

Digital Photo **CCA**

Drama Advanced

Drama I

Draw and Painting Advanced

Draw and Painting

IB Film Studies HL

IB Music HL

IB Music SL



COURSE OFFERINGS

Visual and Performing Arts Department

Madrigals

Marching Band

Men's Chorus

Stagecraft **CCA**

String Orchestra

Theater Performer FA **CCA**

Video Production **CCA**

Wind Ensemble



COURSE DESCRIPTIONS

3D Media Design CCA

UC/CSU: f (must complete fall and spring semesters for UC/CSU credit)

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course includes visualization and creation of 3D computer-generated models and their applications in today's manufacturing, multimedia, communications, and publishing industries. Students are instructed in the principles of 3D modeling using state-of-the-art modeling software. In a lab setting, students practice the strategies and methods commonly used in creating and solving 2D and 3D geometric problems. Students will be introduced to a variety of 3D model applications used in illustration, engineering, design, documentation drawing, entertainment, and animation. In addition to developing a working knowledge of 3D terminology and concepts, students create a variety of 3D geometric models from drawings, sketches, real models and written descriptions. This course aligns with and/or incorporates the State Occupational Content Standards, State Language Arts Standards and Career Performance Standards.

A Cappella

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12; Audition Only

A Cappella B provides the talented vocal student an experience in a large treble ensemble performing intricate, demanding advanced high school and collegiate literature. The class is open by audition only. The student gains greater proficiency in independent part singing, artistic interpretation, musical understanding, and solo performance. Advanced sight reading/musicianship skills and strong vocal ability must be demonstrated at your audition for this course. This ensemble performs compositions from all periods of vocal literature. This group performs at concerts, festivals, tours, and community performances.

AP Art History

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grade 10: A or B in English 1/Honors English 1 or Honors World History

Grades 11-12: A or B in Grade 10 or 11 Social Science Course or A, B or C in Grade 10 or 11 AP Social Science Course

This course is the equivalent to a two-semester college survey course exploring the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, students develop in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art. This course is designed to prepare students for the AP examination.



COURSE DESCRIPTIONS

AP Music Theory and Dictation

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 11-12

This course is an intensive study of the units of musical structure in the common practice period of Western music, including aural recognition, writing, and analysis of melody, rhythm, chord structure and the simple units of musical form. Also included are the accurate notation of melody and rhythm from dictation and the development of sight-singing skills.

AP Studio Art: 2D Design

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12; Instructor Approval

AP Studio Art 2D is an advanced placement course that is similar to AP Studio Art Drawing. It deals with two-dimensional applications such as graphic design, photography, weaving, and collage. As a contrary to AP Studio Art Drawing, focus is applied on the design itself instead of the composition of the artwork. The principle of designs (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationships) can be articulated through the visual elements (line, shape, color, value, texture, space). Students will be asked to create a portfolio that demonstrates their understanding of 2D design through any medium or process.

Architectural Design CCA

UC/CSU: f (must complete fall and spring semesters for UC/CSU credit)

Articulation: Saddleback; Honors Weighted

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12

This course provides skills required for drafting and computer-assisted drafting (CAD), including architectural and electro/mechanical drawing. Students learn to use media and drafting materials, identify line styles and weights, distinguish different views, read prints, use correct graphic terminology, create lettering and freehand technical sketches, use descriptive geometry in CAD drafting, apply dimensioning and tolerance principles, and create drawings using state-of-the-art CAD software, including single view, orthographic drawings, auxiliary view, pictorial, and assembly drawings. Students apply math skills throughout the course, including measurement and geometry.

Art of Animation 1A/B CCA

UC/CSU: f (must complete fall and spring semesters for UC/CSU credit)

Length: Year - 10 Credits

Articulation: Saddleback and Coastline Community Colleges; Honors Weighted

Placement Guidelines: Grades: 9-12

This ACME Animation course uses teleconferencing and the ACME Animators website (www.acmeanimation.org) to connect students with peers, college-level animation students and professors, and professionals from studios such as Disney, Warner Bros., and DreamWorks. Industry experts coach students and critique their personal films and responses to real world design challenges. College professors scout talent and help students prepare top entrance portfolios. Weekly teleconferencing uses student's work as the basis for training in story, visual development, and animation.



COURSE DESCRIPTIONS

Bel Canto

UC/CSU: f

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This is an auditioned intermediate women's chorus. This is a year-long course that explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history.

Ceramics Advanced

UC/CSU: f

Length: Year - 10 Credits

Placement Guidelines: Grades: 11-12

This advanced course provides the opportunity to further refine hand building and use of the potter's wheel. Emphasis is placed on developing personal style in design and decoration. Course can be taken more than once for credit. This course will provide an opportunity to further refine previously learned techniques in clay forming and decoration. Primary emphasis will be refining selective skills and developing a personal style in ceramic design. This course also covers ceramic history, design elements and principles, art careers, tools, machinery, kilns, firing and art vocabulary.

Ceramics IA/IB

UC/CSU: f

Length: Year - 10 Credits

Placement Guidelines: Grades: 11-12

This course introduces and develops techniques in clay forming and decoration by means of hand building and the use of the potter's wheel. Additional emphasis is on design decoration, art terms, ceramic history, and careers. Primary emphasis will be hand building skills with wheel forming techniques introduced toward the end of the course. This course also covers ceramic history, design elements and principles, art careers, tools, machinery, kilns, firing and art vocabulary.

Chamber Orchestra

UC/CSU: f

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12; Audition Only

Chamber Orchestra is a course for the most advanced string student with extensive training & experience that studies class 5&6 (A,AA) music lit. Students will study advanced/university level theory & vocabulary used in concert lit. Students will discover the historical concepts for various styles & genres of string & full orchestra repertoire. Students will understand, synthesize & demonstrate music as a way to create & communicate the composers' meaning & emotion through performance. They will identify & demonstrate listening skills, analyze group & individual performances using appropriate musical language & pedagogical skills related to their instrument. Guest clinicians & conductors will be invited into class to extend the students' knowledge of instrument skills & music lit. Students will develop fundamental artistic & aesthetic understanding with written critiques of live music performances. Communication & interpretation skills will be used by students while producing & performing solo & ensemble works in collaboration with other arts disciplines. Rehearsals & performance outside class time are required.



COURSE DESCRIPTIONS

Commercial Music CCA

UC/CSU: f (must complete fall and spring semesters for UC/CSU credit)

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

Commercial Music covers all concepts in commercial music from the performance side to the 'behind the scenes' side. Students learn the basics of music, how to develop chord progressions, and compose songs. Learn basic piano harmonization, guitar chords, vocal production and drum set technique. We'll also learn about music technology.

Concert Band

UC/CSU: f

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course is for the student who has attained intermediate proficiency on his/her instrument. Music of increasing difficulty is presented with instruction designed to increase the range, flexibility, endurance, tone quality, and artistic interpretation of the student. The group performs at school and community events, including but not limited to, concerts, parades, field shows, assemblies, football games and festivals. It is strongly advised that band students enroll in "Marching Band" which provides P.E. credit. Attendance at extra rehearsals outside the regular class and all performances is required. Course can be taken more than once for credit.

Concert Choir

UC/CSU: f

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course provides specialized development of the treble voice and performance opportunities in traditional treble voice literature. The student gains greater proficiency in independent part singing, artistic interpretation, musical understanding, and solo performance. This is a performing group and attendance at all concerts is required. The student can be recommended for membership in a more advanced vocal ensemble upon demonstration of satisfactory proficiency. Course can be taken more than once for credit.

Dance Performance II

UC/CSU: f (must complete fall and spring semesters for UC/CSU credit)

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

Note: Can be applied towards PE graduation credit

This two-semester course covers intermediate levels of dance, including, but not limited to, jazz, modern, and ballet. Students will be introduced to dance conditioning, dance history, stage and theater etiquette, nutrition, injury prevention, and elements of choreography. Students will be instructed in the fundamentals of working and performing in a professional dance company.



COURSE DESCRIPTIONS

Digital Pub Design

UC/CSU: f (must complete fall and spring semesters for UC/CSU credit)

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course uses Macintosh computers to design, create and manipulate images, audio, and video. The fundamentals of digital information will be explained and applied using a broad range of applications including Photoshop, Illustrator, GarageBand and Premiere Pro and the skills to publish high rigor work through various media outlets. Through various individual and group projects, students will produce original content and learn to make more efficient use of the digital tools used in industry.

Digital Photography CCA

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This is a comprehensive program that introduces students with a basic understanding of digital photography as an art form. The photography course will cover technical and aesthetic aspects, including the operation of camera controls, functions, and settings. Computers using Adobe software will function as a darkroom to process corrections, manipulations and adjustments of the digital photographs. Photography is an amazing art form which has evolved from something which used to take hours of work for developing an image to something which happens immediately at a push of thumbs. It has now become one of the most instant forms of artistic expression. It has become so popular that each individual should be good at photography. In this modern digital age, photography should be considered important just as other skills like reading and writing.

Drama Advanced

UC/CSU: f

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

Learn advanced principles of drama. Master vocal and acting technique by learning monologues, scenes, and song repertoire. Understand character objectives and tactics towards overcoming obstacles through analysis and practice! This course offers in-depth theater studies in the areas of theater history, theater and acting genres, and emotional work. Students are expected to have an extensive knowledge of the basics of theater (terms, stage areas, acting guideposts, etc.). Emphasis for this course is placed on intense emotional work, and comfort levels of performance in front of large audiences. Course can be taken more than once for credit.

Drama I

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

Learn storytelling and communication skills through monologues and scenes from film and TV. Master your voice and movement to maximize clarity and emotional content. Skills learned in this course will help in all industries that require communication and confidence. No experience required.



COURSE DESCRIPTIONS

Drawing and Painting Advanced

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

This course helps students develop more technical competence, art historical awareness, and personal, creative expression in a variety of 2D visual art practices. It builds on concepts and skills covered in Drawing/Painting 1. A primary goal is creating artwork suitable for college admissions portfolios. Student work is exhibited in various ways. Students also gain confidence in speaking and writing about their artwork and that of others. Many advanced students also participate in community art festivals, contests, and pre-college art programs. Art gallery field trips and guest speakers increase awareness of the role and impact of art outside the classroom. Course may be repeated for credit.

Drawing and Painting

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course intends to offer a gradual novice to intermediate studio experience in varied traditional and contemporary drawing techniques. This includes experimental study of drawing technique, color, style, media, artist history, critical evaluation, and the recognition of the unique aesthetic approach each individual student possesses. Through studio practice, research, and knowledge gained through class lectures, students will develop their creative abilities, skills, and understanding in both the productive and evaluative aspects of drawing & painting. Students will learn to incorporate the ideals of self-concept and self-discovery into their daily lives, as they refine their abilities to communicate through oral, written, and visual means.

IB Film Studies HL

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 11-12; recommended one year of video production

This course aims to develop students' skills so that they become adept in both interpreting and making film texts. Through the study and analysis of film texts and exercises in filmmaking, the course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures. Students also develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. The course emphasizes the importance of working individually and as a member of a group. A challenge for students following this course is to become aware of their own perspectives and biases and to learn to respect those of others. This requires willingness to attempt to understand alternative views, to respect and appreciate cultural diversity, and to have an open and critical mind.



COURSE DESCRIPTIONS

IB Music HL

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 12

The IB Music HL is a two-year program resulting in an International Baccalaureate Certificate or Diploma. The course will emphasize performance and composition. Students will be required to keep a composition portfolio and perform a lecture-recital. Students will prepare for the IB Music HL exam. Upon completion of the course, the student will demonstrate an awareness and general knowledge of Western Music from the Middle Ages to the present. Demonstrate an understanding of the cultural and musical characteristics of music inherent in indigenous or non-Western cultures. Demonstrate knowledge of the rudiments of music, including scales, intervals, chords (to the 7th), tonality, modality, key signatures, meter, rhythm, and how each element is employed throughout the various eras and cultures studied. Demonstrate an understanding of the evolution and interpretation of notational systems from the Middle Ages to the present.

IB Music SL

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 11-12

The IB Music - Group Performance course (SL) provides the student with opportunities and guidance in the development of musical knowledge, including understanding of diverse musical genres; in-depth study of the language and symbol-systems of music internationally; and the refinement and honing of ensemble performance skills. Through the analysis of selected diverse listening examples and printed scores, students will learn the language, the notation and the fundamental elements of music. Through further investigation, students will explore the usage of the elements of music in a variety of contexts – through music of various cultures, styles and genres.

Madrigals

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course provides the talented vocal student an experience in a small ensemble performing intricate, demanding literature. The student gains greater proficiency in independent part singing, artistic interpretation, musical understanding, and solo performance. This ensemble performs compositions from all periods of vocal literature, including those in the madrigal style. This group performs at assemblies, concerts and festivals. Attendance at extra rehearsals and all performances are required. Course can be taken more than once for credit.

Mens Chorus

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course is for the student with little or no prior musical experience who wants to learn to sing. The student learns the fundamentals of proper breath support, proper vocal production, musical notation, as well as the enjoyment of ensemble singing. As soon as the student demonstrates satisfactory proficiency in vocal development, membership in one of the more advanced vocal ensembles will be recommended. Course can be taken more than once for credit.



COURSE DESCRIPTIONS

Stagecraft CCA

UC/CSU: g

NCAA: Not Applicable

Articulation: Saddleback College; Honors Weighted

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course trains the student in all areas of theater practice except acting. The student becomes proficient in analyzing set design, color, lighting, costuming and stage makeup. Practical experience is gained in the construction of sets and stage materials. Course can be taken more than once for credit.

String Orchestra

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course is designed to give all string players (violin, viola, cello, bass) a well-rounded music education which includes string pedagogy and string orchestra repertoire in the spring. This group performs at school and community events, including, but not limited to, concerts, assemblies, and festivals. Orchestra winds and percussion are selected by the director from one of the school bands for the spring Full Orchestra. Attendance at extra rehearsals and all performances will be required. Course can be taken more than once for credit.

Theater Performer FA CCA

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course trains students in the fundamentals of acting. Students gain hands-on experience by performing in front of an audience at local community theatres and/or other professional performing arts venues. Students learn the practical, theoretical and technical aspects of acting as well as develop strategies for marketing their talents and successfully navigating their career. Training includes in-depth character work in scene study, script writing and analysis, cold reading techniques, monologue work, improvisation, and voice over.

Video Production CCA

UC/CSU: f (must complete fall and spring semesters for UC/CSU credit)

NCAA: Not Applicable

Articulation: Saddleback College; Honors Weighted

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

Students will study film, the history of film, genres, filming techniques, photography, scene and movement. Students will study the ideology of film and society while using an alternate form of communication. Students will learn the basic skills of the video camera and video editing software while applying the fundamentals of design, composition and thematic organization. Students will learn the specialized vocabulary of the film and television industry and use it to express themselves clearly and concisely in their critiques of each other's work, television and film. Students will develop ideas individually and within a group, compose an outline/proposal, write a script or an outline, and create a storyboard and shot list. The completed project will be a video production based on their script. Most important is the student study in the art of filming video and the creative process that precedes any video or television project.



COURSE DESCRIPTIONS

Wind Ensemble

UC/CSU: f

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12; Concurrent Enrollment in Marching Band

This is the most advanced of the ensembles and is designed for the student who is a highly competent performer. The student is challenged by music of the highest caliber, requiring more sophisticated understanding of complex rhythms, all key signatures, musical terminology, ensemble skills, and extra effort on the part of the student. Wind Ensemble is a major performing ensemble, and participation in concerts, festivals and assemblies is required. Members are also to enroll in "Marching Band" as a separate period for physical education credit for the first semester only. Audition is required for enrollment in Wind Ensemble.



COURSE OFFERINGS

Physical Education Department

Auxiliary Group/Color Guard

Basketball

Dance

Health

Marching Band

Pep Squad

PE 9: Physical Education-9th Grade

Power Walking

Soccer

Strength/Exercise

Surfing

Tennis

Various CIF Athletics Sections

Yoga



COURSE DESCRIPTIONS

Auxiliary Group/Color Guard

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Semester - 5 Credits/Semester

Placement Guidelines: Grades: 9-12

The Auxiliary Group brings music to life through performance in a competitive format. Commonly referred to as the Color Guard, the auxiliary group presents a visual art form which incorporates spinning flags, rifles, sabres, and other various pieces of equipment, while performing to varied range music. Dance is also featured and integrated into the spinning. Students participate and compete in state, regional, and international events, through the Southern California School and Band Association (SCSBOA), Winter Guard Association on Southern California (WGASC); Winter Guard International (WGI); and Bands of America (BOA). Each semester a new artistic program is conceived and developed, allowing students the opportunity to enter a world of performance and entertainment; a place where pageantry involves an array of equipment, movement, and skill. The auxiliary group is truly the "Sport of the Arts." Physical fitness skills are emphasized, and this course receives P. E. credit. Course may be taken more than once for credit.

Basketball

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This course is an introduction and advance study of the rules, techniques, physical skills, and strategies of the game of basketball. Students will be introduced to the game from historical and technical perspectives; learning the origin and rules, then developing their individual skills through a series of demonstrations, drills, and individual performance tasks and reinforcing their skill through competitive games and tournament experiences. This course is intended to get students exercising and to understand the values of basketball and exercise in terms of overall health, fitness, and wellness. Excellence in mind (knowledge), body (fitness), and spirit (kindness, service, gratitude) will be endorsed. The basketball course will emphasize technique according to skill level. Students will also be exposed to the 5 components of fitness (Cardiovascular Endurance, Muscular-Strength, Muscular Endurance, Flexibility, and Body Composition). This course meets the Physical Education requirement. Course can be taken multiple times.

Dance

UC/CSU: f

NCAA: Not Applicable

Length: Semester - 5 Credits/Semester

Placement Guidelines: Grades: 9-12

This class is a basic dance class for all interested students and includes dance history, contemporary, jazz, ballet, hip hop, other related styles (character, Broadway, and modern), along with basic dance techniques, terminology, and basic choreography concepts. This course follows the state framework and is broken into five components: Artistic Perception, Creative Expression, Historical and Cultural Context, Aesthetic Valuing, and Connections/Applications. Students will have the opportunity to perform in both a Fall and Spring dance recital. Students will also be exposed to the 5 components of fitness (Cardiovascular Endurance, Muscular-Strength, Muscular Endurance, Flexibility, and Body Composition). Once the PE requirement has been met, additional semesters of this class may be used to satisfy the VPA requirement for university admissions.



COURSE DESCRIPTIONS

Health

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Semester - 5 Credits

Placement Guidelines: Grades: 9

A one-semester health course is required for all students. Topics covered in this course include goal setting, emotional and social health, physical health, substance abuse, disease prevention and global issues.

Marching Band

UC/CSU: Does not meet UC/CSU Requirements

NCAA: Not Applicable

Length: Semester - 5 Credits/Semester

Placement Guidelines: Grades: 9-12

Students perform at all home football games, select away games, and parades, as well as pep rallies, boys' and girls' basketball games, and other community events. The musical athleticism of marching band students is equal to those achieved by varsity athletes. They perform, compete, and are adjudicated in state, regional, and national events through the Southern California School and Band Association (SCSBOA), the Western Band Association (WBA), and Bands of America (BOA). Marching Band rehearses after school and on weekends, learning the value of excellence, while developing life skills including organization, discipline, teamwork, and leadership. Through Marching Band students create friendships, talents, and standards of excellence, while fostering an environment in which they can grow, laugh, learn, and meet challenges as a group. Physical fitness skills are emphasized, and this course receives P. E. credit. Course may be taken more than once for credit.

Pep Squad

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Semester - 5 Credits/Semester

Placement Guidelines: Grades: 9-12; Tryout Required

Interscholastic Athletics is offered for those students who wish to engage in inter-school competition under the auspices and rules of the California Interscholastic Federation (C.I.F.). Participating in the athletic program is a privilege and athletes will be held to a strict code of conduct. In order to participate and compete, a student must be currently enrolled in five or more classes and maintain a 2.0 G.P.A. Participating in the athletic program is a privilege and athletes will be held to a strict code of conduct. Athletes must have maintained a 2.0 GPA in classes taken the previous semester. A physical examination and insurance coverage are required by all students to participate. Pep Squad members will be trained in crowd control, composition and execution of a variety of cheers and routines, preparation and presentation of pep assemblies and maintaining and stimulating spirit and sportsmanship. Physical fitness skills are required.

Physical Education - 9th Grade

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9

The required physical education course for ninth grade students includes state mandated activities of 3-4 week intervals. The program will consist of the following activities: aquatics, team sports, individual sports, rhythmic, and fitness. In addition, all 9th grade students will be required to complete the California Physical Fitness testing.



COURSE DESCRIPTIONS

Power Walking

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

This course is designed to promote aerobic and cardiovascular fitness through power walking. Students will learn about the muscular system, weight management, nutrition, stress reduction, and other benefits of lifetime fitness activities. Students will participate daily in walking activities that occur both on and off campus.

Soccer

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

A year-long course that serves as an introduction to the game of soccer. Students will learn the necessary skills and knowledge so that they can successfully enjoy this team sport.

Strength/Exercise

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

A year-long course that focuses on all aspects of strength, conditioning, and exercise in order to stay physically fit and in shape. Students will be introduced to the use of weights, proper stretching, various exercises for all muscle groups, and general conditioning strategies.

Surfing

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 9-12

This is a year-long course that serves as an introduction to surfing. Students will learn the necessary skills and knowledge so that they can successfully enjoy this sport at our local beaches. Swim tests will be required.

Tennis

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

This course is a basic tennis class opened to all students. Students will learn basic tennis skills including forehand, backhand and serving, along with terminology and history of the sport. Students will learn the rules and strategies to be incorporated in tennis games/matches throughout the semester. Students will also be exposed to the 5 components of fitness (Cardiovascular Endurance, Muscular-Strength, Muscular Endurance, Flexibility, and Body Composition). This course meets the Physical Education requirement.



COURSE DESCRIPTIONS

Various CIF Physical Education/Interscholastic Athletics

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Varies for each sport - 5 Credits/Semester

Placement Guidelines: Grades 9 - 12: *Most sports require tryouts. Please see your athletic office for additional information.

Interscholastic Athletics is offered for those students who wish to engage in inter-school competition under the auspices and rules of the California Interscholastic Federation (C.I.F.). Participating in the athletic program is a privilege and athletes will be held to a strict code of conduct. In order to participate and compete, a student must be currently enrolled in five or more classes and maintain a 2.0 G.P.A. Participating in the athletic program is a privilege and athletes will be held to a strict code of conduct. Athletes must have maintained a 2.0 GPA in classes taken the previous semester. A physical examination and insurance coverage are required by all students to participate.

Yoga

UC/CSU: Not Applicable

NCAA: Not Applicable

Length: Year - 10 Credits

Placement Guidelines: Grades: 10-12

Yoga students will be introduced to basic postures, breathing techniques, and relaxation methods of the yoga practice. Students will develop an understanding of yoga etiquette and terminology; achieve and maintain a health-enhancing level of physical fitness; develop skills, knowledge, and interest to independently maintain a regular yoga practice; gain an understanding of individual differences and acquire a non-competitive, positive self image in regards to their own body and yoga practice.



COURSE OFFERINGS

Additional Elective Courses

Academic Intervention

Auto Mechanics - Auto Academy **CCA**

Consumer Auto Mechanics **CCA**

Automotive Advanced Diagnostics and Troubleshooting - Auto Academy **CCA**

Automotive Technology - Auto Academy **CCA**

AVID I

AVID II

AVID III

AVID Peer Tutor

AVID Senior Seminar

Catering and Events **CCA**

College and Career Planning (CCP)

Culinary Arts **CCA**



COURSE OFFERINGS

Additional Elective Courses

Engineering and Manufacturing Technology Advanced **CTCA**

Engineering and Manufacturing Technology **CCA**

Engineering Design **CCA**

Engineering Design/Development **CCA**

Engineering Principles **CCA**

Engineering and Manufacturing Technology Advanced **CTCA**

Game Design **CCA**

IB Theory of Knowledge

Newspaper

Robotics **CCA**

Student Government

Yearbook



COURSE DESCRIPTIONS

Academic Intervention

UC/CSU: No

NCAA: No

Length: Semester - 5 credits upon completion of at least two courses

Placement Guidelines: Grades 9-12; See your academic advisor for details

An Academic Intervention class is offered on every high school campus during the regular bell schedule for students that are typically 10 or more credits behind for high school graduation. These students are able to work during the school day in the online courses to remediate any necessary coursework. Each high school offers 1-4 sections based on student need. Students in this class meet for an entire semester on a daily basis, or as the school bell schedule requires.

Auto Mechanics - Auto Academy CCA

UC/CSU: No

Articulation: Saddleback College

Length: 10 credits

NCAA: No

Placement Guidelines: Grade 10

The first year consists of learning the fundamentals. Topics include shop safety and shop practices, hand tool instructions, equipment operating instructions, hazardous wastes handling and disposal, career awareness, consumer awareness, and the operating principles of all major components of the automobile including the engine, transmission, drive lines, differentials, steering, brakes, suspensions, etc.

Consumer Auto Mechanics CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Articulation: Saddleback College and Santa Ana College

Length: 10 credits

NCAA: No

Placement Guidelines: Grade 9-12

This course covers basic powertrain components such as clutches, transmissions (standard and automatic), drive lines, engines, and differentials. Brakes, steering, tires, shock absorbers, and other chassis components are also studied in detail. Prepares students to diagnose and repair advanced computer controlled vehicles and their electronic systems. Course includes ignition systems diagnosis using electrical diagram of ASE design, fuel and air induction systems diagnosis, emission control system diagnosis, computer control and automobile scan tools. Students learn how to perform engine diagnosis and tune-up, automatic transmission function and service, front suspension and brake systems, as well as theory. Course prepares students for ASL 1 certification.



COURSE DESCRIPTIONS

Automotive Advanced Diagnostics/Troubleshooting - Auto Academy CCA

UC/CSU: No

Articulation: Saddleback College

Length: Semester - 5 Credits

NCAA: No

Placement Guidelines: Grade 12

The third year course is designed to provide Automotive students with increased entry level skills in diagnostics, and critical thinking skills. Competencies include diagnosing, locating and repairing systems and major components. Topics include career preparation, computer systems operation, and schematic diagram reading. Students will be instructed in advanced troubleshooting procedures and the operation of advanced diagnostic equipment. Students will have increased opportunities to fine tune their skill level on many different automobiles. All senior automotive academy students will have an opportunity to try-out for a position on the prestigious San Clemente High School Automotive Academy Troubleshooting Competition Team. Automotive students at the conclusion of the course should have obtained the skills and certifications, for an entry-level career in the automotive industry.

Automotive Technology - Auto Academy CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Articulation: Saddleback College and Santa Ana College; Honors Weighted

Length: Year - 10 Credits

NCAA: no

Placement Guidelines: Designed for 11th

Emphases is on the development of basic foundational mechanical skills acquired from the first year of the Automotive Academy. Topics include shop safety, specialized tool instruction, as well as further instruction in the components and the increased operating parameters of all major systems. Other topics covered include fuel systems, ignition systems and charging systems, as well as engine rebuilding, transmission operation, electrical and lighting systems and wheel alignment.

AVID I, II, III, Senior Seminar, Peer Tutor

UC/CSU: Completion of 4 years of AVID will result in Category g credit for the Senior Seminar course.

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12; Contact your Guidance Office

AVID is a nationally recognized program designed to help bright, motivated students in their completion of college-prep coursework while in high school, to prepare these students to apply for 4 year colleges or universities directly from high school. AVID is a four-year elective class for students with academic potential. Upon entering AVID after acceptance, students enroll in the "a-g" sequence, college preparatory classes that fulfill the requirements for entry into the University of California, California State University systems and private colleges. Tutors from area colleges and universities as well as peer tutors, work with the high school students, assisting them in all academic areas to make progress commensurate with college expectations. Seminars are also offered in note-taking, study skills, test taking, time management, college entrance exam preparation, effective textbook reading, and library research skills. Students receive extensive help in preparing college applications and financial aid forms. Student progress is monitored via regular teacher and parent communication.



COURSE DESCRIPTIONS

Catering and Events CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

NCAA: Not Applicable

Length: Year - 10 Credits , Honors Weighted

Placement Guidelines: Grades: 9-12

This class allows students to enhance and expand their culinary skills beyond the basic level learning. Students will learn the ingredients of culinary success and master the art of worldwide cuisine. Topics include menu development, culinary trends, menu analysis, culinary math and costing, and food presentation. Students will participate in menu competitions creating and preparing hors d'oeuvres, salads, soups, entrees, and desserts.

College and Career Planning (CCP)

UC/CSU: No

Length: Semester - 5 Credits

NCAA: No

Placement Guidelines: Grades 9-12

The primary purpose of this course is to prepare students for academic and professional success by developing applied technology skills (Excel, PowerPoint, Windows, Word, and Internet research skills), improving academic skills (oral presentations, PC-based note-taking and research skills, goal setting and planning skills, and keyboarding skills), completing personal traits assessments (personality, interests, multiple intelligences, values and skills surveys), exploring college alternatives (UC, CSU, community colleges, private universities, and trade/tech schools), and completing a computerized career survey to help match personal and academic goals with career paths. Students will also develop a 4-year plan to guide them through the coursework needed to meet their future academic and professional pursuits.

Culinary Arts CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Articulation: Saddleback College

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 9-12

This class allows students to enhance and expand their culinary skills beyond the basic level learning. Students will learn the ingredients of culinary success and master the art of worldwide cuisine. Topics include menu development, culinary trends, menu analysis, culinary math and costing, and food presentation. Students will participate in menu competitions creating and preparing hors d'oeuvres, salads, soups, entrees, and desserts.

Engineering and Manufacturing Technology Advanced CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Articulation: Saddleback College; Honors Weighted

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 11-12

This advanced course is designed to prepare students for entry level employment in the manufacturing industry. Students will continue to learn the basic principles and operative skills to setup, program, and operate Computer Numerical Control (CNC) machinery. Instruction includes the machining process, blueprint reading metrology, Computer Aided Manufacturing (CAM), CNC operations and G-code programming including 3 dimensional parts.



COURSE DESCRIPTIONS

Engineering and Manufacturing Technology CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Articulation: Saddleback College; Honors Weighted

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 11-12

In this course, engineering scope, content, and professional practices are presented through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to solve engineering design problems and develop innovative design. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. This course is an essential experience for students who are interested in technology, innovation, design, and engineering.

Engineering Design CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Articulation: Irvine Valley College; Honors Weighted

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 9-12

This introductory course provides learning opportunities for students interested in preparing for careers in design and production in the Engineering field. Engineering scope, content, and professional practices are presented through practical applications. Students in engineering teams apply technology, science, and mathematic concepts and skills to solve engineering design problems and develop innovative designs.

Engineering Design and Development CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 10-12

Advanced course in the Engineering Technology pathway, focusing on specialized concepts and/or industries that require post-secondary training in the design, production, or maintenance of mechanical, electrical, electronic or electromechanical products and systems.

Engineering Principles CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 9-12; Honors Weighted

This introductory course will provide learning opportunities for students interested in preparing for careers in the design and production of visual communications and other areas in the Engineering field. The students learn the design process in order to plan, prepare, and interpret drawings and models through traditional drafting or Computer Aided Drafting (CAD) techniques.



COURSE DESCRIPTIONS

Game Design CCA

UC/CSU: g (must complete fall and spring semesters for UC/CSU credit)

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 9-12

This course is designed to prepare students for the Video Game Design industry and further technical college studies. Students will study the basic concepts of game design, together with a study of the technologies, tools and programming languages. This course is 180 hours and must be completed to receive a certificate.

IB Theory of Knowledge

UC/CSU: g

Length: Year - 10 Credits

NCAA: no

Placement Guidelines: Grades 11-12

The Theory of Knowledge course is the central interdisciplinary core around which the subject areas of the International Baccalaureate revolve. By exploring the knowledge systems of mathematics, natural sciences, human sciences, history, the arts, and ethics through the filters of emotion, reason, language, and depth, students and teachers become aware of the complexity of knowledge and to acknowledge the need to act responsibly in a global society. This, in turn, reinforces the Creativity, Action, and Service (CAS) components of the IB Diploma Program.

Newspaper

UC/CSU: No

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 9-12

Students will learn journalism through the process of producing and publishing a student newspaper. Students will write a variety of articles including news articles, features, editorials, reviews, and sports stories. They will learn the fundamentals of editing, photography, and layout. Students interested in being admitted to the course must contact the advisor and fill out an application. May be taken for elective credit. Does not meet UC/CSU admission requirements for English.

Robotics CCA

UC/CSU: g

NCAA: No

Length: Year - 10 Credits

Placement Guidelines: Grades 9-12

This course is an introduction to the field of robotics. Students will explore the interaction of science and technology, and learn how these concepts are applied in engineering, control systems, and automation. Students will use inquiry, research, and design methods to solve problems, and construct robotic devices using industry-standard systems, software, and technology.



COURSE DESCRIPTIONS

Student Government (ASB)

UC/CSU: No

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 9-12

Elected student body officers are enrolled in Student Government for which elective credit is given. The purpose of this course is twofold: (1) to teach the rudiments of parliamentary procedure, group action and interaction, committee organization, and leadership skills; and (2) to carry out the executive duties of the elected Associated Student Body officers. This course may be taken more than once for credit.

Yearbook

UC/CSU: No

Length: Year - 10 Credits

NCAA: No

Placement Guidelines: Grades 9-12

Students interested in being admitted to the course must contact the advisor and fill out an application. May be taken for elective credit. Does not meet UC/CSU admission requirements for English.