



# Course Catalog

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# English

**English 7-1, 7-2 (A1501a, A1501b)**  
**Blended Learning Course:**  
**Common Core English Language Arts 7**  
Grade: 7

This two-semester course includes the study of literature in major genres: short story, drama, nonfiction, poetry, fable, myth, legend and the novel. Activities emphasize writing, oral communication, spelling, vocabulary, grammar and usage. A variety of writing styles and essay types are emphasized.

**English 8-1, 8-2 (A1520a, A1520b)**  
**Blended Learning Course:**  
**Common Core English Language Arts 8**  
Grade: 8

This two-semester course includes the study of literature in major genres: short story, drama, nonfiction, poetry, fable, myth, legend and the novel. Activities emphasize writing, oral communication, spelling, vocabulary, grammar and usage. A variety of writing styles and essay types are emphasized.

**\*+English 1, 2 (A1540, A1541)**  
**Blended Learning Course:**

**\*Common Core English Language Arts 9**  
Grade: 9

In this two-semester course, the students will be exploring the human condition and the discovery of the self, in an attempt to address the Essential Question, “What does it mean to be human?” They will be asked to examine the reasons why we behave in the ways that we do, how humans interact with one another, and express their beliefs and values. Required readings will focus on analysis and making historical connections with the classic literature, as well as developing reading, vocabulary, and writing skills that are aligned with the California Common Core Standards. Students will grapple with the theme of self-discovery in various formats by using Web 2.0 technology.

**Online Learning Course:**  
**\*+Accelerated English 1, 2 (1552, 1553)**  
Grade: 9

This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of

great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's *The Odyssey*, Shakespeare's *Romeo and Juliet*, and Richard Connell's "The Most Dangerous Game." They will study also short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

**\*+English 3, 4 (A1570, A1571)**

**Blended Learning Course:**

**\*Common Core English Language Arts 10**

Grade: 10

In this two-semester course, the students will be exploring the themes of prejudice, equality, and self-advocacy in an attempt to address the Essential Question, "What does it mean to find one's voice and question one's rights?" They will be asked to examine focusing questions such as, "Are people essentially good or essentially evil?" Required readings will focus on analysis and making historical connections with the classic literature, as well as developing

reading, vocabulary, and writing skills that are aligned with the California Common Core Standards. Students will grapple with the themes of social injustice and social advocacy using a variety of mediums including textbooks, novels, videos and the various web 2.0 technology.

**Online Learning Course:**

**\*+Accelerated English 3, 4 (A1572, A1573)**

Grade: 10

Focused on application, this sophomore English course reinforces literary analysis and 21st-century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, 21st-century career skills, and the essentials of grammar and vocabulary. Under the guidance of the eWriting software, students will also compose descriptive, persuasive, expository, literary analyses, research, narrative, and compare-contrast essays.

**\*+American Literature 1, 2 (A1583, A1584)**

**Blended Learning Course:**

**\*Common Core English Language Arts 11**

Grade: 11

This two-semester course emphasizes skills

and strategies for independent reading, analyzing, and writing about works of American literature, with a focus on how that literature reflects the development of the American Dream and its permeation through American culture. Reading, writing, oral communication, and language study are emphasized in this course. The goal is to encourage students to communicate effectively in various forms.

**\*+Honors American Literature 1,2 (A1589, A1590)**

Grade: 11

Honors Preparatory Course (HP): This course meets the University of California's b (English) subject-area requirement.

Altus Honors American Literature 1, 2 is a college-level course designed to emphasize independence and responsibility in critical analysis of a variety of literary texts, including poetry, essays, short stories, historical documents, drama, and novels. The course is granted weighted credit by the University of California.

Class content is arranged chronologically and/or thematically. Students examine the development of American Thought, ambition, and imagination through the heritage and history of the country's diverse peoples. Different point of view—and the ways in which the prevalent philosophical,

political, ethical, and social influences of the times affected those views—will be explored through a historical look at literature. Emphasis will also be placed on studying the craft of the writers, including the techniques they used to express ideas.

Students in this course are not only active participants in ongoing intellectual dialogue, but they gain increasing ability to facilitate discussions and mediate divergent views with respect and confidence. Coursework, including homework, consists of a variety of college-level academic endeavors including crafted analysis and research-based essays, in-class essays, reading response, Socratic seminars, debates, presentations, vocabulary development, and self-directed reading. In all their coursework, students should show evidence that they are increasing the depth and complexity of their knowledge of American literature, representing other's ideas responsibly, and developing academic writing skills. As preparation for college, the course's writing and reading activities are designed to deepen and extend discourse in the pursuit of knowledge.

All student enrolled in this course must take the UC-required comprehensive, written final examination, the purpose of which is to permit students to exhibit their depth of knowledge and their independent ability to write original analysis at a college level. This exam is required for students to earn

weighted credit.

**\*+Contemporary Voices in Literature 1, 2 (A1612, A1613)**

Grade: 11, 12

This two-semester course meets the English requirements for grades 11 or 12, or it can be taken as an elective. Students explore issues by American and world writers who are writing today. These writers come from diverse cultural and ethnic backgrounds. Students write for various purposes and audiences. The course integrates all aspects of literacy: reading, writing, speaking, and listening.

**\*+English Literature 1, 2 (A1641, A1642) Blended Learning Course:**

**\*Common Core English Language Arts 12**  
Grade: 12

In this two-semester course students will explore classic works of literature developed in the British Isles over the last 1,000 years. Students develop the ability to use varying approaches to writing and ability to use new vocabulary terms within this writing. Activities emphasize reading, writing, and standard English grammar and usage.

**Online Learning Course:**

**\*+ Honors English Literature 1, 2 (A1643, A1644)**

Grade: 12

Honors-College Preparatory Course (HP). This course meets the University of California's b (English) subject-area requirement.

In this two-semester course 12th grade students will have varied and multiple opportunities to read, analyze, discuss, and write about literature produced in the British Isles in the last 1,000 years. Literary criticism will focus on the political as well as philosophical approach, as required by the current state standards. This weighted course meets the requirements for an Honors course.

**\*+World Literature 1, 2 (A1705, A1706)**

Grade: 11, 12

In this two-semester course students will explore genres through exposure to works by writers from various cultural and ethnic backgrounds. Students explore how the development of technology has impacted language usage. Students write for various purposes and audiences and exhibit their ability to integrate all aspects of literacy: reading, writing, speaking, and listening.

**\*+Blended Learning Course: AP English Language and Composition 1, 2 (A1655, A1656)**

Grade: 11-12

This course meets the University of California's b (English) subject-area requirement.



This Advanced Placement English course is designed to help students become more skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. By their writing and reading in this course, students should become aware of the interactions among a writer's purposes, audience, expectations, and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. The overall purpose of the AP English Language and Composition course, then, is to enable students to read complex texts with understanding and to write prose that is rich enough and complex enough for mature readers.

**\*+Blended Learning Course: AP English Literature and Composition 1, 2 (A1653, A1654)**

Grade: 11-12

This course meets the University of California's b (English) subject-area requirement.

This Advanced Placement English course involves students in both the study and practice of writing and the study of literature. They learn to use the characteristic modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Through speaking, listening, and reading, but

chiefly through the experience of their own writing, students become more aware of the resources of language. Advanced Placement English Literature and Composition 1,2 is not a survey course; it is, rather, a course to help students develop critical judgment and expressive skill. Students are encouraged to read analytically and sensitively a few carefully chosen high-quality selections, to develop personal communicative styles, and to reflect honesty and precision in the use of the language. The course prepares students for the Advanced Placement Examination in Literature and Composition.

**\*+Writer's Workshop 1, 2 (A1745N, A1746N)**

Grade: 9-12

This two-semester elective course provides instruction in the process of writing for different purposes and audiences. Students will demonstrate competency in the process of composition, while becoming familiar with various styles of writing. Students will gain practice editing and revising their own original works, while developing critical thinking skills and improving their use of the English language.

# Mathematics

## **Math 7-1, 7-2 (A4001a, A4001b)**

### **Blended Learning Course: Common Core Math 7**

Grade: 7

This course is required of all 7th grade students. This course lays the foundation for Algebra 1 and focuses on the following key strands: number sense; functions and algebra; measurement and geometry; statistics, data analysis, and probability; and mathematical reasoning. Basic operations, problem solving, and communication in math are also emphasized. (Ref. California Math Content Standards for Math 7)

## **Math 8-1, 8-2 (A4080a, A4080b)**

### **Blended Learning Course: Common Core Math 8**

Grade: 8

This course is designed for grade 8 students who need additional time and support to build the fundamental skills necessary for success in algebra. The course is organized around five major strands: number sense, algebra and functions, measurement and geometry, Algebra 1, and mathematical

reasoning. It reinforces the skills and concepts needed to meet the standards on which these students will be assessed. Students will study an array of principles including: Operations and properties; solving one-step equations and inequalities; working with ratios, proportions and percents; solving linear functions; graphing; analyzing data; and probability.

## **\*+Algebra 1, 2 (A4041, A4042)**

### **\*Blended Learning Course: Common Core Algebra I**

Grade: 8-10

This course in elementary algebra is a college preparatory course in which the student learns the fundamentals of solving problems by methods that were not previously available at the arithmetic level. Students develop an understanding of the symbolic language of math. Algebraic skills and concepts are developed in various problem-solving situations with symbolic reasoning and calculations with symbols serving as the focus of the course. (Ref. California Math Content Standards and Framework for

\*University of California a-g approved

+NCAA approved

Algebra 1).

**Unifying Algebra and Geometry 1, 2 (A4121, A4122)**

Grade: 10-12

Prerequisites: Satisfactory completion of one year of algebra and one year of geometry; recommendation of teacher and/or counselor

Type of graduation credit earned: for the classes of 2014-15, Mathematics (Intermediate)

Note for the graduating classes of 2016 after: Because this course does not meet the University of California's c (mathematics) subject-area requirement, it may no longer be used to meet the high school mathematics graduation requirement. It will earn elective credit instead or may be used to meet the Option 2 graduation requirement.

This course is designed for students to further develop their understanding of algebra and geometry concepts prior to progression into sequential courses, Statistics and Data Analysis 1, 2 or Intermediate Algebra 1, 2.

**\*+Integrated Math I a-b (A4157, A4158)**

**\*Blended Learning Course:**

**Common Core Mathematics I**

Grade: 9-10

Integrated Math I is the first course in a three-year series of integrated mathematics

courses incorporating the Common Core State Standards. The purpose of this course is to formalize and extend the mathematics students learned in middle school. Students extend their understanding of linear relationships, contrasting them with exponential phenomena, and applying linear models to data that exhibit a linear trend. They develop fluency in writing, interpreting, and translating between various forms of linear equations and inequalities, and experiment with transformations in the plane. The Mathematical Practice Standards are applied throughout, and give context to the math concepts by applying them to real-world situations.

**\*+Integrated Math II a-b (A4159, A4160)**

**\*Blended Learning Course:**

**Common Core Mathematics II**

Grade: 10-11

Integrated Math II is the second course in a three-year series of integrated mathematics courses incorporating the Common Core State Standards. The focus of the second year of study is on quadratic expressions, equations, and functions, building on conceptual knowledge developed in Integrated Math I. Students learn how to write geometric proofs, and use their knowledge of similarity to begin work in right triangle trigonometry, especially as it connects to the Pythagorean theorem. Probability and data, along with circles and

their quadratic algebraic representations round out the course. The Mathematical Practice Standards are applied throughout to provide real-world context to the concepts being learned in class.

**\*+Integrated Math III a-b (A4163, A4164)**

**\*Blended Learning Course:**

**Common Core Mathematics III**

Grade: 11-12

This course synthesizes previous mathematical learning in four focused areas of instruction. First, students relate visual displays and summary statistics to various types of data and to probability distributions with a focus on drawing conclusions from the data. Then, students embark on an in-depth study of polynomial, rational, and radical functions, drawing on concepts of integers and number properties to understand polynomial operations and the combination of functions through operations. This section of instruction builds to the Fundamental Theorem of Algebra. Students then expand the study of right triangle trigonometry they began in Mathematics II to include non-right triangles and developing the Laws of Sines and Cosines. Finally, students model an array of real-world situations with all the types of functions they have studied, including work with logarithms to solve exponential equations. As they synthesize and generalize what they have learned about a variety of function families, students appreciate the

usefulness and relevance of mathematics in the real world.

**\*+Geometry 1, 2 (A4141, A4142)**

**\*Blended Learning Course:**

**Common Core Geometry**

Grade: 9-11

Students will learn many geometry skills and concepts that are useful in their daily lives. In addition to learning these skills and concepts, students will develop the ability to construct formal, logical arguments and proofs in geometric settings and problems.

**\*+Intermediate Algebra 1, 2 (A4151, A4152)**

**\*Blended Learning Course:**

**Common Core Algebra II**

Grade: 11-12

This course complements and expands the mathematical content and concepts of Algebra 1 and Geometry. In this course, students gain experience with algebraic solutions of problems in various content areas including the solution of systems of quadratic equations, permutations and combinations, logarithmic and exponential functions, the binomial theorem, and the complex number system.

**\*+Pre-Calculus 1, 2 (A4161, A4162)**

**\*Blended Learning Course:**

**Common Core Pre-Calculus**

Grade: 11-12

This college preparatory course is normally offered only to twelfth-grade students. The course includes two semesters of integrated concepts of trigonometry and advanced algebra in such a form as to make them most useful for later study of analytic geometry and calculus. This course also includes an introduction to topics in discrete mathematics. This course is intended to help students meet mathematics content standards AT.1 through AT.7 and performance standards.

**\*+Honors Pre-Calculus 1, 2 (A4181, A4182)**

Grade: 11-12

Prerequisites: A "B" grade or better in Intermediate Algebra 1, 2; recommendation of teacher and/or counselor. Progression to advanced courses is based on achievement of a "B" grade or better.

Honors Preparatory Course (HP): This course meets the University of California's c (mathematics) subject-area requirement.

This course is offered to grade 11 students who have demonstrated superior achievement and motivation in mathematics. The course is designed to be a third-year course in algebra. It includes a strong treatment of trigonometry, limits, and algebraic functions. After successful completion of this course, the student will be

prepared for the first course of calculus.

**\*+AP Calculus AB (A4189, 4190)**

Grade: 11-12

AP Calculus AB course covers all of the material outlined by the College Board as necessary to prepare students to pass the AP Calculus AB exam. This course is divided into two semesters and is designed to acquaint students with calculus principles such as derivatives, integrals, limits, approximation, and applications and modeling. During this course students will gain experience in the use of calculus methods and learn how calculus methods may be applied practically.

**\*+Statistics 1, 2 (A4171, A4172)**

Grade: 10-12

This college preparatory course provides an additional mathematics option for students in grades 10-12. This course meets the University of California's c (mathematics) subject area requirement and may be taken after the successful completion of one year of algebra and a year of geometry. This course is beneficial to students who plan to pursue a college major in mathematics, business, the sciences, or related fields. The course focuses on probability, interpretation of data, and statistical problem solving. Students learn key concepts via hands-on activities, technology explorations, and the design of a statistical study. They

collect data by doing an observational study and perform an experiment using a simulation or a survey. The collection, investigation, and analysis of data paired with technology exercises extend and enhance the conclusions drawn or inferences made from the studies or experiments. Key components of this course include exploration of data, data collection, the organization and analysis of data, probability, making inferences, and the justification of conclusions or decisions made.

**\*+AP Statistics (A4055, 4056)**

Grade: 11-12

AP Statistics covers the College Board themes of exploring data; sampling and experimentation; anticipating patterns; and statistical inference. The content is organized into six units: Sampling and Data and Descriptive Statistics; Probability Topics and Discrete Random Variables; Continuous Random Variables and Normal Distribution; Central Limit Theorem and Confidence Intervals; Hypothesis Testing; and Chi-Square Distribution and Linear Regression.

# Science

**Life Science 7-1, 7-2 (A6003)**  
**Blended Learning Course: MS Life Science**  
Grade: 7

This two-semester course is designed to meet the California Content Standards for Life Science which includes an introduction to the topics of cell biology, genetics, evolution, earth science, and living systems. Students in this course will use the inquiry method supplemented by conducting and analyzing experiments in order to explore the nature of living things. Students will also use technology to collect data and communicate ideas.

**Physical Science 8-1, 8-2 (A6005)**  
**Blended Learning Course: MS Physical Science**  
Grade: 8

This two-semester course is designed to meet the California Content Standards for Physical Science which includes motion, forces, structure of matter, earth and life science, chemistry, density and buoyancy. Students will use the inquiry method supplemented by conducting and analyzing experiments

to explore the nature of the physical and chemical world. Students will also use technology to collect data and communicate ideas.

**\*+Earth Science 1, 2 (A6023, A6024)**  
**Blended Learning Course: Earth Science**  
Grade: 9-12

This course meets the University of California's g (elective) subject area requirement.

This two-semester course is designed to meet the California Content Standards for Earth Science which includes astronomy, chemistry, geology, oceanography, meteorology, and paleontology, and serves as a foundation for further study in physics, chemistry, marine and environmental science. Students will use the inquiry method to investigate those principles and processes that bring about changes in the physical environment, supplement their understanding by conducting and analyzing experiments, and utilizing technology to collect data and communicate ideas.

**\*+Biology 1, 2 (A6111, A6112)**

\*University of California a-g approved

+NCAA approved

**\*Blended Learning Course: Biology**

Grade: 10-12

This two-semester course is designed to meet the California Content Standards for Biology which includes cell biology, genetics, ecology, evolution, and physiology. It also serves as a foundation for further study in physics, chemistry, marine and environmental science. Students in this course will use the inquiry method supplemented by conducting and analyzing experiments to investigate the fundamental processes of living and non-living systems, as well as the interrelationships between them. Students will also use technology to collect data and communicate ideas. In addition, students will explore the impact of human society and technology on the biosphere.

**\*+Blended Learning Course:  
Honors Biology 1, 2 (A6121, A6122)**

Grade: 10-12

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a year-long course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and

ecology.

**\*+Physics 1, 2 (A6311, A6312)**

Grade: 9-12

This two-semester course is designed to meet the California Content Standards for Physics which includes motion, forces, conservation of energy, momentum, heat and thermodynamics, wave phenomena, electricity and magnetism. It also serves as a foundation for further study in biology, chemistry, marine and environmental science. Students will use the inquiry method supplemented by conducting and analyzing experiments to investigate the physical laws that govern nature and the universe. Students will also use technology to collect data and communicate ideas.

**\*+Chemistry 1, 2 (A6211, A6212)  
\*Blended Learning Course: Chemistry**

Grade: 10-12

This two-semester course is designed to meet the California Content Standards for Chemistry which includes atoms and bonding, conservation of matter, stoichiometry, properties of gases, acids and bases, solutions, chemical thermodynamics, reaction rates, chemical equilibrium, organic and nuclear chemistry. This course serves as a foundation for further study in college science courses. Students will use the inquiry method supplemented by conducting



and analyzing experiments to investigate the nature of elements, compounds and mixtures, and how they interact through chemical reactions. Students will also use technology to collect data and communicate ideas.

**\*+Honors Chemistry 1, 2 (6221, 6222)**

Grade: 9–12

Prerequisites: Above-average achievement in previous science course(s) and in Integrated Math I or equivalent; Physics 1, 2 and Chemistry 1, 2 recommended; concurrent enrollment in Integrated Math II or equivalent recommended; a desire to succeed in a rigorous college-level course environment.

Type of graduation credit earned: Science (physical science); weighted

Honors Preparatory Course (HP): This course meets the University of California's d (laboratory science) subject area requirement.

Successful completion of this course earns recognition of honors (i.e., weighted) credit by the University of California. Courses meeting UC criteria for honors designation must be comparable in workload and emphasis to Advance Placement, International Baccalaureate, or introductory college courses. A course syllabus, with laboratory activities, and a comprehensive final examination are required. Students who complete this course successfully will gain a depth of understanding of chemical concepts and processes. They will also develop

their critical thinking and analytical skills. The class includes experimental laboratory activities, class discussions, reading, and critical analysis leading to deeper understanding, and it emphasizes human inquiry and the nature of science. This course is intended to help students meet state science standards.

**\*+AP Environmental Science (A6455, 6456)**

Grade: 10-12

AP Environmental Science covers all of the material outlined by the College Board as necessary to prepare students to pass the AP Environmental Science exam. This course is designed to acquaint students with the physical, ecological, social, and political principles of environmental science. The scientific method is used to analyze and understand the interrelationships between humans and the natural environment. The course shows how ecological realities and the material desires of humans often clash, leading to environmental degradation and pollution. The course covers the following topics: Earth's Systems, Human Population Dynamics, Natural Resources, Environmental Quality, Global Changes, and Environment and Society.

# History - Social Science

## **World History and Geography 7-1, 7-2 (A6521)**

### **Blended Learning Course: MS World History and Geography-Medieval and Early Modern Times**

Grade: 7

In this two-semester course students will learn about the social, cultural, and technological changes that occurred throughout the world in the years A.D. 500-1789. After reviewing the ancient world and the ways in which history is uncovered, students will study the history of great civilizations that were developing throughout the world during medieval and early modern times. Students explore the causes and effects of the vast expansion and ultimate disintegration of the Roman Empire. Students learn all aspects about civilizations in the Middle Ages such as Islam, Ghana, Mali, Japan, China, and Latin America. Students examine the growing economic interaction among civilizations as well as the exchange of ideas, beliefs, technologies, and commodities. Students learn about the continuing impact of these civilizations in the world today. (Ref. California Grade 7 History-Social Science Content Standards)

## **United States History & Geography 8-1, 8-2 (A6551)**

### **Blended Learning Course: MS United States History and Geography**

Grade: 8

In this two-semester course students will study the ideas, issues, and events from the framing of the U.S. Constitution up to World War I, emphasizing America's role in the war. After studying the birth and rise of America's democratic institutions, students examine the shaping and the establishment of the Constitution. Students trace the development of American politics, society, culture, and economy and connect them to the emergence of major regional differences. They learn about the struggles facing the new nation, with an emphasis on the causes, course, and consequences of the Civil War. They make connections between the rise of industrialization and contemporary social and economic conditions. (Ref. California Grade 8 United States History-Social Science Content Standards)

### **\*+World History, Geography, and Economics 1, 2 (A6605, A6606)**

\*University of California a-g approved

+NCAA approved

**\*Blended Learning Course: World History, Culture, and Geography**

Grade: 10

In this two-semester course students will study major turning points that shaped the modern world, from the late Eighteenth Century through the present, including the cause and course of World Wars One and Two. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, with a focus on international relations. They learn from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. (Ref. California Grade 10 History- Social Science Content Standards)

**\*+Blended Learning Course: AP World History (A6639, A6640)**

Grade: 10

AP® World History is a yearlong college-level course designed to prepare students for the Advanced Placement (AP) World History Exam. The goal of this course is to explore historical themes common to societies

around the world and across time periods, from prehistory to the present day. Emphasis is placed on critical and evaluative thinking skills, essay-writing, interpretation of original documents, and historiography. Students will demonstrate their understanding and acquisition of skills through written work, document-based questions, project-based activities, and practice exams.

**\*+United States History and Geography 1, 2 (A6701, A6702)**

**\*Blended Learning Course: U.S. History and Geography**

Grade: 11

In this two-semester course students will study the major turning points in American history in the twentieth century. Following a review of early American history and the impact of the Enlightenment on the U.S. democratic ideals, students build upon the tenth grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy, including the social and cultural effects. Students will trace the change in the ethnic composition of American society; the movement towards equal rights for racial minorities and women; and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider

the major social problems of our time and trace their causes in historical events. Students understand that our rights under the U.S. Constitution are vital to maintain in order to continue our freedoms. (Ref. California Grade 11 History/Social Science History Content Standards)

**\*+Honors United States History and Geography 1, 2 (A6711, A6712)**

Grade: 11

Honors Preparatory Course (HP): This course meets the University of California's a (history) subject-area requirement.

This course is designed for the rigorous study of U.S. history and geography. The content includes a study of American history from the late nineteenth century to the present, with major emphasis on the development of American ideals and institutions. Students examine important issues and historical forces that have shaped the nation, including race, gender, politics, economics, foreign policy, culture, and the environment. Original documentary sources are used to supplement the text and enrich the student's experience. Research techniques are taught. All students must pass an end-of-course examination.

**\*+Blended Learning Course: AP United States History 1, 2 (A6721, A6722)**

Grade: 11

This year-long AP U.S. History course provides an in-depth study of American history from the pre-Columbian era to the present and is aligned to the new 2015 AP U.S. History exam. The course emphasizes themes such as national identity, economic transformation, immigration, politics, international relations, geography, and social and cultural change. Students learn to assess historical materials, weigh the evidence and interpretations presented in historical scholarship, and analyze and express historical understanding in writing.

**\*+Government 1 (A6757)**

**Blended Learning Course:**

**\*Principles of American Democracy**

Grade: 12

In this one-semester course, students will study and seek a deeper comprehension of cultural and political institutions in American government. Students will apply their knowledge of American political institutions as they compare other systems of government in the world today. They will analyze the history and pattern of change in interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. Students will focus in particular on relationships among federal, state and local governments and specific emphasis on the significance of historical documents, such as the Federalist Papers. (Ref. California Grade

12 History-Social Science State Standards)

**\*+AP Government and Politics: US (A6839)**

Grade: 12

AP Government and Politics is a one semester survey covering the Constitution, political beliefs, political parties, and interest groups, institutions of government, public policy and civil rights. The course teaches students how this country's government works. Students become familiar with and develop knowledge of the institutions, documents, policies, political groups, beliefs and theories central to the politics of the United States. Emphasis is placed on critical and evaluative thinking skills, data analysis, collaborative discussion, timed, free response essay writing, and interpretation of original documents. The curriculum covers the six topics required by the College Board: Constitutional underpinnings of the U.S. government; political beliefs and behaviors; political parties, interest groups and mass media; national government institutions; public policy; and civil rights and civil liberties.

**\*+Economics 1 (A6758)**

**\*Blended Learning Course: Economics**

Grade: 12

In this one-semester course, students will establish a foundation of understanding of fundamental economic concepts. They

will expand their ability to analyze and apply tools such as graphs, statistics, and equations from other subject areas to the understanding of operations and institutions of economic systems. Students will comprehend and analyze basic economic principles of micro- and macroeconomics, international economics, comparative economic systems, measurement and methods in an historic context. (Ref. California Grade 12 History-Social Science State Standards)

**+Geography 1 (A6538)**

Grade: 9-12

This one-semester course is offered as an elective. Students will demonstrate knowledge and understanding of human and physical geography. They will be able to explain the uses of geography and various ways that the world is organized. This will include proficiency in reading various maps, charts, and graphs. Major topics will include the solar system, weather and climate, land forms, water, and natural resources, human systems, North America, South America, and Europe. (ref. History-Social Science Framework for California Public Schools)

**\*+Blended Learning Course: AP Human Geography 1, 2 (A6536, A6537)**

AP Human Geography is a yearlong, college-level course that prepares students for the

Advanced Placement Human Geography Exam. This fast-paced, upper-level course is designed for highly motivated students. Critical readings, writing activities, classroom assignments, and discussion activities provide multiple opportunities to develop a deep understanding of concepts and skills. Practice assessments and essays based on the Advanced Placement Human Geography Exam are found throughout the course. The course asks students to differentiate among geographic concepts, theories, and models; to analyze relationships among human systems; to explore human-environment interactions; and to study the role of land use and economic development across time periods in various geographic regions.

Topics of Study:

- Geographic Concepts
- Population
- Culture
- Politics and Boundaries
- Agriculture and Land Use
- Industrialization and Economic Development
- The Urban Environment, Land Use, and Economic Development

# World Language

## **Blended Learning Course: Spanish Year 1 (A2321, A2322)**

Grade: 6-8

Middle school students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas.

## **Blended Learning Course: Spanish Year 2 (A2323, A2324)**

Grade: 6-8

Prerequisites: Spanish Year 1

Middle school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit

consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas.

## **\*+German 1, 2 (A2051, A2052)**

### **\*Blended Learning Course: German 1, 2**

Grade: 7-12

Prerequisites: None

College Preparatory Course (P): This course meets the University of California's e (language other than English) subject-area requirement.

This functions-based course is open to all students who wish to begin the study of German language and cultures. It is intended to develop novice to mid-novice oral-language proficiency as well as limited facility in reading and writing. Major emphasis is on the development of listening and speaking abilities at the novice level with reasonably accurate pronunciation and intonation.

Programmed instruction and technology, under the direction of the German teacher, may be used to facilitate instruction and language practice. The course is not designed for students who are fluent or nearly fluent in German as evidenced by an informal primary language assessment or other language assessments. It is recommended that fluent or nearly fluent students enroll in a higher-level German course.

**\*+German 3, 4 (A2053, A2054)**

**\*Blended Learning Course: German 3, 4**

Grade: 8-12

Prerequisites: German 1, 2 with a grade of C or higher; recommendation of teacher.

College Preparatory Course (P): This course meets the University of California's e (language other than English) subject-area requirement.

This functions-based course is designed for students who have successfully completed German 1, 2. It is a continuation of the introductory course and is intended to consolidate students' listening and speaking skills at the mid-novice level, with bridging opportunities to high novice. Reading receives increased attention, although the primary emphasis remains the development of oral-language proficiency. Programmed instruction and technology, under the direction of the German teacher, may be used to facilitate instruction and language

practice. The course is not designed for students who are fluent or nearly fluent in German as evidenced by an informal primary language assessment or other language assessments. It is recommended that fluent or nearly fluent students enroll in a higher-level German course if offered.

**\*+Spanish 1, 2 (A2321, A2322)**

**\*Blended Learning Course: Spanish 1, 2**

Grade: 9-12

Prerequisites: None

College Preparatory Course (P): This course meets the University of California's e (language other than English) subject-area requirement.

This functions-based, introductory course is open to all students who wish to begin the study of Spanish language and cultures. It is intended to develop novice to mid-novice oral-language proficiency as well as limited facility in reading and writing. Major emphasis is on the development of listening and speaking abilities at the novice level with reasonably accurate pronunciation and intonation. Programmed instruction and technology, under the direction of the Spanish teacher, may be used to facilitate instruction and language practice. The course is not designed for students who are fluent or nearly fluent in Spanish as evidenced by the Spanish I.P.T. or other language assessments. It is recommended that fluent



or nearly fluent students enroll in a Spanish for Spanish Speakers course or a higher-level Spanish course.

**\*+Spanish 3, 4 (A2323, A2324)**

**\*Blended Learning Course: Spanish 3, 4**

Grade: 9-12

Prerequisite: Spanish 1, 2 or Blended Learning Spanish I with a grade of C or higher; recommendation of teacher.

College Preparatory Course (P): This course meets the University of California's e (language other than English) subject-area requirement.

This functions-based course is designed for students who have successfully completed Spanish 1, 2. It is a continuation of the introductory course and is intended to consolidate students' listening and speaking skills at the mid-novice level, with bridging opportunities to high novice. Reading receives increased attention, although the primary emphasis remains on development of oral-language proficiency. Programmed instruction and technology, under the direction of the Spanish teacher, may be used to facilitate instruction and language practice. It is recommended that fluent or nearly fluent students enroll in a Spanish for Spanish Speakers course or a higher-level Spanish course.

**\*+Spanish 5, 6 (A2325, A2326)**

**\*Blended Learning Course: Spanish 5, 6**

Grade: 9-12

Prerequisite: Spanish 3, 4 or Blended Learning Spanish II with a grade of C or higher; recommendation of teacher.

College Preparatory Course (P): This course meets the University of California's e (language other than English) subject-area requirement.

This functions-based course is designed for students who have successfully completed Spanish 3, 4. It is intended to move students' oral proficiency to the intermediate level and to develop both reading comprehension and writing accuracy at that level. As the need for accuracy increases, grammar instruction becomes more significant. Programmed instruction and technology, under the direction of the Spanish teacher, may be used to facilitate instruction and language practice. This course may meet the needs of Spanish-speaking students whose literacy skills are not fully present.

# Visual/Performing Arts

## **Art 7-1, 7-2 (A0101, A0102)**

Grade: 7

In this two-semester course, students will be introduced to the elements and principles of art, art theory, and art criticism. Students will create and critique works of art that use various mediums such as pencil, paint, and ink. Students will learn self-expression through basic art concepts.

## **Art 8-1, 8-2 (A0120, A0121)**

Grade: 8

In this two-semester course, students will continue to discover the elements and principles of art, art theory, and art criticism. Students will create and critique works of art that use various mediums such as pencil, paint, and ink. Students will learn self-expression through basic art concepts.

## **\*Art 1, 2 (A0191, A0192)**

Grade: 9-12

This two-semester course is an introduction to elements and principles of art, art theory, and art criticism as it applies to master works

and their own work. The course introduces a variety of media, including pencil, paint, cardboard, and ink to complete expressive compositions. Assignments based on an articulation of realistic space and three-dimensional forms provide a foundation for more complex projects integrating the principles of art. Students will investigate the historical context of art throughout projects and evaluate the role of art in contemporary society, including the social/political uses of art. Students will analyze the role and influence of mass communication in the arts.

## **Blended Learning Course: Art History I (one semester only) (A0192)**

Grade: 9-12

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this one-semester course will cover topics including early Medieval and Romanesque art; art in

the 12th, 13th, and 14th centuries; 15th-century art in Europe; 16th-century art in Italy; the master artists; high Renaissance and Baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; 18th- and 19th-century art in Europe and the Americas; and modern art in Europe and the Americas.

**\*Commercial Art 1, 2 (A0201, A0202)**

Grade: 9-12

In this two-semester course students will explore and design basic computer based two-dimensional and three-dimensional works of art. Students are introduced to the elements and principals of visual design, such as line, shape, and balance, through various media. Students will develop design skills to be applied to real-world applications of design by creating various commercial art products.

**Music Appreciation 1, 2 (A5381, A5382)**

Grade: 9-12

This two-semester course introduces the historical contributions and cultural dimensions of music throughout the world. Students have an opportunity to respond to, analyze, and make judgments about specific works of music. Students investigate music from several cultures and different time periods. Students develop an understanding of cultural diversity as it relates to music and

composers. Students also critically assess and derive meaning from works of music according to the elements of music, aesthetic qualities, and human responses.

**\*Photography 1, 2 (A3691, A3692)**

Grade: 9-12

In this course students will acquire the ability to complete all of the processes involved in taking various kinds of photographs and producing finished prints. Students are taught the terminologies and techniques of photographic production, and camera operation. Students will study sensory, formal, expressive, and aesthetic properties of photographic art. Students will understand the principles of good composition (texture, shape, light, motion, perspective) and the application of photographic principles to industrial processes.

**Drawing 1 (A0271)**

Grade: 9-12

This one semester course includes discussion in the meaning, major forms, and components of two-dimensional art. Students study elements and principles of design used in creation of two-dimensional works, art appreciation, and art history. Students are exposed to various media and techniques used in drawing. Drawing is created and enjoyed by many people around the world for many reasons. Drawing is a

means of communication or expression. Each work of art can be seen as a reflection of the artist's values, culture, historical period, religion, and even personal experience and personality. Drawing serves several purposes. Drawing allows people to share their thoughts and experiences with a wide audience without needing a common language or time. It is a visual history of the human experience.

# Career & Technical Education

## **\*3D Art I – Modeling (A8511)**

Grade: 9-12

The 3D Art I – Modeling design course focuses on the fundamental concepts of 3D modeling and explores the basic concepts and skills of 3D animation. Students learn Blender® software to create 3D models such as a house, a creature, an animation of the creature walking, and a landscape terrain. Activities include using points on a grid to create mountains and a color gradient to create a sun and a moon. Students learn 3D space and 3D objects; creating, scaling, and rotating objects; materials and textures; poses and key frames; extruding and mirroring 3D objects; rendering animations; and appending materials, textures, objects, armatures, and animations.

## **\*3D Art II – Animation (A8512)**

Grade: 9-12

Prerequisite: 3D Art I - Modeling

The 3D Art II Animation design course focuses on building animation skills including realistic movement and lighting. Students learn the Blender® software workspace

and tools; location and rotation properties; scripts; IP curves; vector handles; rendering and baking animations and simulations; and particle systems and emitters. Activities and projects promote key 3D animation concepts including frames and key frames, squash and stretch, action strips, walk cycles and poses, and trajectories. Students develop the skills needed to design and create animations with an understanding of the skills needed to succeed as professional animators.

## **Business Careers 1, 2 (A0701, A0702)**

Grade: 9-12

These courses are designed to introduce modern business practices that include training in math, vocabulary, writing, communication, and proper business manner. Students will also learn about the American economic system, entrepreneurship, leadership, money management, and consumerism. Included are units on banking services, finances, paying taxes and Social Security services.

## **Business Law 1, 2 (A0561, A0562)**

Grade: 9-12

This two-semester course provides students with an understanding of the legal aspects of business. The first semester focuses on the intricacies of law and recognizing situations that may require legal assistance. Included units are contractual agreements, the court system, consumer protection and product liability and warranties. The second semester examines a variety of contracts. Included units are agency relationships, employment law, transferring and negotiable instruments, marriage, divorce, renting and buying a home, and retirement.

### **Cadet Corps 1, 2 (A4511, A4512)**

Grade: 6-12

This two semester career and technical education course was developed to assist students in understanding and demonstrating knowledge of basic Cadet Corps concepts in order for them to complete their orientation phase and promote to the rank of Cadet. Students will explore Cadet Corps history, objectives, rank structure, chain of command as well as academic skills that will make them more successful in the classroom.

### **Career Planning & Development (A1169)**

Grade: 8-12

Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete

in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

### **Child Development/ Parenthood Education (A1125, A1126)**

Grade: 9-12

This two-semester course will introduce students to the vital skills in parenting and will provide information in the growth and development of infants and children as well as provide "real-life" opportunities to observe a daycare setting, care for a simulated infant, and explore essential parenting skills. Students will further explore the vital skills needed by a parent to ensure the positive development of all family members. Students will also explore "real-life" opportunities by seeking out community resources for children and their families.

### **Blended Learning Course: Computer Applications–**

**Office® 2010 (A4421)**

Grade: 9-12

Offering insight into the suite of products most used by working professionals, this course challenges high school students to become proficient in Microsoft® Word®, Excel®, PowerPoint®, and Outlook® through engaging lessons and coursework. This one-semester course is designed to provide students with hands-on experience with tasks such as creating flyers, brochures, schedules, presentations, and mail merge.

**Blended Learning Course:****\*Computer Science 1, 2 (A4411, A4412)**

Grade: 9-12

Computer Science 1, 2 introduces students to the basics of computer science through a series of Python® programming projects that encourage creativity and experimentation. Students create a diverse portfolio of projects as they learn commands and functions, values and variables, Graphical User Interface, modular and object-oriented programming, and events and event-driven processes. Students learn loops, debugging techniques and software development processes including iterative and incremental models. Students explore careers in programming, including profiles from a wide variety of programming professionals.

**Blended Learning Course:****\*Digital Arts 1, 2 (A8081, A8082)**

Grade: 9-12

The Digital Arts 1 course focuses on building a solid foundation of the basic elements of visual art: line, shape, form, color, value, space, and texture. This course teaches core skills using Inkscape, a free open-source alternative to Adobe® Illustrator®. Topics include learning processes for evaluating artworks, and identifying selected artists' works, styles, and historical periods. Students learn 3D space in a 2D environment; filters, gradients and highlights; and methods of working with color. Students express themselves creatively in original digital drawings and artwork. The Digital Arts 2 course focuses on the more advanced principles and elements of art and design. By the end of this course, students will have created a unique portfolio of digital artwork, including repeating images to be used as a computer's desktop background, a logo with text, two images scaled proportionally to one another, and a poster image and layout. Projects include creating movement with objects; images emphasized through the use of color, shape, and size; and the principles of art including: repetition and pattern, contrast, movement and rhythm, proportion and balance, and harmony and unity. Students advance their skills using Inkscape tools and learn new tools such as the Spiral, Bezier, and Paint Bucket Tools.

\*University of California a-g approved

+NCAA approved

**Blended Learning Course:**  
**\*Entrepreneurship 1, 2 (A0505, A0506)**

Grade: 9-12

The Introduction to Entrepreneurship course teaches the skills and key business concepts students need to know to plan and launch a business, whether they are interested in creating a money-making business or a nonprofit to help others. Students learn about real-life teen entrepreneurs; characteristics of successful entrepreneurs; pros and cons of self-employment; sales stages, opportunities and strategies; planning and budgeting; and interpersonal communication in the workplace. Students also learn how to generate business ideas; create a business plan, mission, and vision; promote and market a company; attract investors; manage expenses; and set personal visions and goals. Topics include exploring factors of business success and failure; core business concepts; economic systems; competition; production; the global economy; financing a business; costs, pricing, and accounting; bookkeeping and financial reporting; the role of the government in business; regulations and laws; working with others; and successfully managing employees.

**General Work Experience 1-4 (A8502, A8505)**

Grade: 9-12

The major goal of General Work Experience

Education is to enable students to become productive, responsible individuals through supervised, paid employment experiences.

The description of General Work Experience Education is that it is an instructional course, which has as its purpose the application of the basic skills of reading, writing and computation. General Work Experience Education students will acquire general and specific occupational skills through a combination of supervised paid employment in any occupational field and related classroom instruction in Work Experience Education (WEE). (5 CCR §10071)

In order for a student's job to qualify for the WEE Program, the student must earn at least minimum wage, be covered by Worker's Compensation Insurance, and work a minimum number of hours per week. The minimum hours allowable for students to work is outlined in the District Plan (See Chapter I on District Plans). Unlike Career Technical WEE, students enrolled in a General WEE Program may have a paid job that does not necessarily relate to Career Technical course work.

The rationale for having a General WEE program is the changing nature of work in our society, which requires students to develop appropriate work habits and attitudes that may be transferred to a variety of employment situations.



**\*Online Learning Course: Health Science Concepts 1, 2 (A3005, A3006)**

Grade: 9-12

This high school course introduces students to a variety of healthcare careers as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

**\*Online Learning Course: Health Science and Medical Technology 1, 2**

Grade: 9-12

Health Science and Medical Technology is a year-long course in the Health Services and Medical Technology industry sector and is aimed at all students interested in pursuing a career in health care. The course covers the common set of skills and knowledge needed by all healthcare workers, and prepares students for the more-advanced, occupation-specific courses offered in this field. Instruction covers medical terminology, communications skills, socioeconomics, safety and health maintenance, body

structure and function, and ethical and legal responsibilities. The course is designed to help students determine their specific area of interest within the field of health care.

This course satisfies the Concentrator Course requirement of the Patient Care Career Pathway.

**\*Online Learning Course: Information and Communication Technology 1, 2**

Grade: 9-12

This year long course is designed for students who are interested in the Information Technology Industry Sector. In this course, students will explore different careers within the industry sector, create their own professional portfolio highlighting their strengths and plan for a career within this industry. Students also learn about IT and Computer Hardware including legal and ethical issues, wireless IT, and computing basics and system maintenance/ computer hardware. Operating systems and application software development, network administration, copyright, and programming/ coding is also presented. This course satisfies the Concentrator Course for the Information and Support Services Career Pathway.

**\*Blended Learning Course: Introduction to Business 1, 2 (A0514, A0515)**

Grade: 9-12

In this two-semester introductory course, students will learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today’s fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

**+Journalism 1, 2 (A1961, A1962)**

Grade: 9-12

This two-semester elective course introduces students to the basic techniques of journalistic writing. Students will explore the concept of freedom of press and its implications for contemporary American culture. This course will prepare students for involvement with both local and school-related publications. Students will learn to meet deadlines, conduct interviews, perform evaluations, and familiarize themselves with editing procedures. In addition, students will learn to utilize a variety of informational sources, critique the unique aspects of a newspaper, and apply grammar, punctuation and vocabulary appropriately. In addition to these activities, students will maintain an

individual portfolio which will contain major course assignments along with reflections regarding course activities. This portfolio will be representative of the course goals and objectives.

**Microsoft Office Specialist (A0723, A07024)**

Grade: 9–12

This two-semester course introduces students to the features and functionalities of Microsoft® Office® 2010 while preparing them for the Microsoft Office Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word, Excel, PowerPoint, Access, and Outlook. By the end of the course, students are prepared to take one or more MOS certification exams.

**\*Nursing Assistant (A8426, A8427)**

Grade: 10–12

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and nursing care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology, care

procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Nursing Assistant.

### **Nutrition 1, 2 (A1165, A1166)**

Grade: 9-12

This two-semester course will introduce the principles of being a smart consumer, proper food selection and preparation, basic nutrition, and preparing meals for both the individual and family. Students will develop necessary skills for meeting nutritional needs through exposure to food and ecology, special nutrient needs, and kitchen organization. Food customs and traditions in the U.S. will also be explored.

### **Parenting and Infant Development (A1171)**

Grade: 9-12

This one-semester course will teach students necessary skills for parenting. It will also introduce students to infant and child development. Students will learn how to prepare for a newborn baby and what to expect each month of the first year of life. They will also learn about prenatal care, being an educated consumer, budgeting, and decision making. This course teaches

the theory of aspects of parenting and child development.

### **Personal Finance (A2505)**

#### **Online Learning Course: Personal Finance**

Grade: 9-12

Prerequisites: basic math skills.

This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course, students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.

### **Projects in Game Design (A4473)**

Grade: 9-12

Utilizing the Multimedia Fusion 2<sup>®</sup> software program, this supplemental course allows students to build a solid foundation in the fundamentals of game design and development. Students create an impressive portfolio of interactive, engaging games such as a classic two-player ping pong game,

a Block-breaking action game, and a maze game with moving obstacles. Students learn the MMF2 language of events, conditions, and actions; game objects that track scores, lives, time; and more, automated, random, and user-controlled movement. Topics include libraries and game sounds and game design concepts including objects, layers and frames, cursors and crosshairs, pixels and coordinates, calculations, title and end screens, and looping animations.

# General Electives

## **Altus Study Skills (7th – 8th) (A8030)**

Grade: 6-8

This one-semester course is designed to help students improve in and provide added support for study skills, organization, reading, mathematics, and courses in which the student is concurrently enrolled. The activities in this course will help enhance higher level thinking, problem solving, and basic skills via workshops and personalized assignments developed to support and ensure student success.

## **Career and Life Management 1, 2 (A1169, A1163)**

Grade: 9-12

### **Blended Learning Course: Career Planning and Development (one semester only) (A1169)**

Grade: 11-12

This course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps student investigate careers as they apply personal interests and abilities, develop skills and job search

documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

## **Driver's Education (A2750)**

Grade: 9-12

Driver's Education prepares students to pass the state driving exam. The units covered in this course are: Assessing and Managing Risk, Handling Social Pressures, Rules of the Road, Basic Driving Skills, Light and Weather Conditions, Buying a Car, and Getting your State Driving Test.

## **Health (A2550)**

Grade: 9-12

This one semester course teaches students how to care for their bodies. Units covered in this course are: consumer and community health, injury prevention, alcohol, tobacco

and other drugs, nutrition, environmental health, family living and communicable and chronic diseases.

### **Introduction to Careers 1 (A8103)**

Grade: 9-11

This one-semester course allows students the opportunity to explore post secondary career and educational possibilities. Students will begin career exploration and research using interest surveys and learning style inventories. The course allows students to examine and create a budget for real life application. Students will create a final multimedia presentation that describes their specific actions to prepare for their career.

### **Literacy 1, 2 (A1562, A1556)**

Grade: 9-12

Students receive Embedded assessments and teacher and principal recommendations. It is taught in addition to, not instead of, a student's regular English course. This course is intended to help students achieve Grade-level English language arts standards by providing them with additional opportunities to learn reading and writing strategies and to apply those strategies in a variety of authentic ways. The instruction in this course supports the standards-based units of study the students complete in their English 1, 2 courses. The course approaches reading and writing as processes. Students receive explicit instruction on how texts work, and

they analyze all types of texts identified in the standards: functional documents, expository prose, persuasive writing, narratives (both fiction and nonfiction), drama, and poetry. Students also develop their abilities to write and revise and publish) in a variety of genres: biographical or autobiographical narratives, responses to literature, expository compositions, persuasive compositions, business letters, and technical documents.

### **Blended Learning Course:**

#### **\*Literature & Comprehension I (A1562)**

Grade: 9-12

Literature and Comprehension I is one of two semester-long intervention courses designed to support the development of strategic reading and writing skills. These courses use a thematic and contemporary approach, including high-interest topics to motivate students and expose them to effective instructional principles using diverse content area and real-world texts. Both courses offer an engaging technology-based interface that inspires and challenges students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their

learning.

**Blended Learning Course:**

**\*Literature & Comprehension II (A1563)**

Grade: 9-12

Offering high-interest topics to motivate students who are reading two to three levels below grade, this course works in conjunction with Literacy and Comprehension I to use a thematic and contemporary approach to expose students to effective instructional principles using diverse content area and real-world texts. Presented as two one-semester reading-intervention courses, both offer an engaging, technology-based interface that inspires and challenges high school and middle school students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

**Military Science Basic 1, 2 (A4501, A4502)**

Grade: 9-12

This two semester career and technical education course assists students in completing the proper research for Enlisted

and Officer paths to joining the military. Students will gain basic military history knowledge, research different branches of service as well as notable service members and the wars they served in. Students will also explore disaster preparedness and the role that U.S. forces play in humanitarian relief.

**Pathway Exhibition (A8105)**

Grade: 12

*Mandatory graduation requirement.*

This one-semester elective is required of all graduates. Students will be ready for life beyond high school. Students will be introduced to pre-employment techniques and the steps required for college admission and the securing of financial aid. In completing projects for a senior portfolio and presenting an exhibition students will demonstrate their readiness for the future.

**\*+Philosophy 1 (A6821)**

Grade: 11, 12

This one-semester rigorous course provides an historic overview of the major schools of philosophic thought in the Western and Eastern worlds, and introduces students to eight major philosophic ideas concerning the nature of man and his relationship to the universe. Students learn to employ the vocabulary of epistemological, metaphysical, and ethical discussion, while developing

critical thinking skills through the combined dynamic of reading, debate, and discussion. (ref. History-Social Science Framework for California Public Schools)

**\*+Psychology 1, 2 (A6851, A6852)**

**\*Blended Learning Course: Psychology**

Grade: 11, 12

In this two-semester course students will study the following areas: an introduction to psychology research methods; biological bases of behavior; sensation and perception; motivation and emotion; learning; memory and thought; thinking and language; states of consciousness; and lifespan development. Specific content will include research, the nervous system, the endocrine system, nature vs. nurture, classical conditioning, operant conditioning, sleep, drugs, cognitive and emotional development, dying and death, and gender roles and differences, personality and individuality, intelligence testing, theories of personality, psychoanalytic theory, humanistic theory, cognitive theory, stress and health, psychological disorders, anxiety disorders, drug addiction, therapy and change, biological approaches to treatment, individual interaction, group interaction, attitudes and social influence, and psychology future and present. (ref. History - Social Science Framework for California Public Schools)

**\*+Blended Learning Course: AP Psychology (A6834, A6835)**

Grade: 11-12

This course meets the University of California's g (college preparatory elective) subject area requirement.

This two-semester course introduces students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about methods psychologists use in their science and practice. This course prepares students to take the Advanced Placement Examination in Psychology.

The assigned texts for this course are *Psychology: Themes and Variations*, 7th edition, by Wayne Weiten, (2007) and *Forty Studies that Changed Psychology: Explorations into the History of Psychological Research*, 5th edition, by Roger Hock (2005).

**\*+Sociology 1 (A6837)**

**\*Blended Learning Course: Sociology 1, 2**

Grade: 11, 12

Prerequisite: Completion of first semester or concurrent enrollment in US History.

In this one-semester course students are introduced to sociological concepts, theories, and procedures. Students will learn to analyze the basic structures and functions



of societies and of groups within societies. They will study social organization, identify conditions that lead to disorganization, and evaluate methods of reorganization. The topics explored will include sociological perspectives, sociological methods of inquiry, culture, social structure, socialization, self and social interaction, deviance, crime, and social control, groups and organizations, social institutions, stratification, racial and ethnic relations, gender and age inequality, demography and urbanization, and social change. (ref. History - Social Science Framework for California Public Schools)

**Blended Learning Course:  
Altus Success 1 (A8030)**

Grade: 9-12

In this course, students learn about themselves as they learn about the skills needed to be successful. Students use Naviance Family Connection to complete surveys and research information about their post-high school pathway and career pathways for their future. Resilience, motivation, and goal-setting are a few of the life-skills that are learned while also improving academic skills. Students go on to create a plan for their future using their definition of success while anticipating obstacles that may come up along the way.

**Service Learning 1, 2 (A8087)**

Grade: 9-12

This course provides the opportunity for students to complete the (60 hours) community service with a non profit organization within their community. Students are encouraged to explore organizations in need of help within their community where they can apply skills learned through their academic program and provide essential support to the community in which they live. Students who choose the Service Learning option for graduation must complete 2 semesters (120 hours) of Service Learning.

**Blended Learning Course: Strategies for Academic Success (A1163)**

Grade: 9-12

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

**Altus Study Skills (9th – 12th) (A8007, A8008)**

Grade: 9-12

This one-semester course is designed to help students improve in and provide added support for study skills, organization, reading, mathematics, and courses in which the student is concurrently enrolled. The activities in this course will help enhance higher level thinking, problem solving, and basic skills via workshops and personalized assignments developed to support and ensure student success.

**Altus Study Skills (CHSPE Math 9-12) – 6th edition (A8007, A8008)**

Grade: 9-12

This one-semester course is designed to prepare students to pass the California High School Proficiency Examination (CHSPE). It uses individualized instruction for remediation with a specific focus on weaknesses in mathematics. Completion of this course should enable students to (1) improve their skills in basic math and elementary algebra, (2) recognize and understand the various types of objective test questions, and (3) improve their chances of passing the CHSPE test. The primary methods of instruction include, but are not limited to, lectures, timed tests, homework assignments, and individualized instruction.

**Altus Study Skills – CHSPE PREP/Part 1/ Language Arts – 6th edition (A8007, A8008)**

Grade: 9-12

This one-semester course is designed to prepare students to pass the California High School Proficiency Examination (CHSPE). It uses individualized instruction for remediation with a specific focus on weaknesses in language arts. Completion of this course should enable students to (1) improve their skills in basic grammar, writing, and language skills, (2) recognize and understand the various types of objective test questions, and (3) improve their chances of passing the CHSPE test. The primary methods of instruction include, but are not limited to, lectures, timed tests, homework assignments, and individualized instruction.