



# HIGH SCHOOL COURSES



My Online Academy



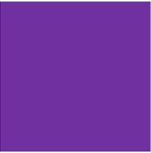
## MISSION STATEMENT

MyOnlineAcademy.us has the unique vision to provide every school with an exclusive ownership of a branded online academy that provides vast course offerings and an opportunity to educate students from around the globe.

Our mission is to provide our partner schools with cutting-edge online courses and solutions that enhance student learning. We are dedicated to selecting the best online educational systems available, and to providing timely support to students and parents without requesting extra resources from the school.

Our fully-functional and facilitated Online Academy solution offers our partner schools the flexibility to customize their online programs without any upfront fees, minimum purchase, the hassle of technical integration, or being locked into one system, thus giving the students the personalization and engagement they need for academic success. In addition, we work side by side with our partner schools and give back to our partner schools.





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## English 9

The English 9 course is an overview of exemplar selections of literature in fiction and nonfiction genres. Students read short stories, poems, a full-length novel, and a full-length Shakespeare play, analyzing the use of elements of literature in developing character, plot, and theme. For example, in selected stories, students compare the effect of setting on tone and character development. Likewise, in the poetry unit, students analyze how artists and writers draw from and interpret source material. Throughout the course, students respond to others' claims and support their own claims in essays, discussions, and presentations, consistently using thorough textual evidence.

**Course Type:** Original Credit  
Honors  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes



English

## English 10

The focus of this sophomore English 10 course is the writing process. Three writing applications guide the curriculum: persuasive, expository, and narrative writing. Each lesson culminates in a written assignment that lets students demonstrate their developing skill in one of these applications. English 10 follows the model of English 9 by including at least one anchor text per lesson, but the essays, articles, stories, poems, and speeches are often presented as models for students to emulate as they practice their own writing. So that these readings may serve as proper examples for students, a high proportion of texts for this course are original pieces.

**Course Type:** Original Credit  
Honors  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** English 9

## English 11

In the English 11 course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and give speeches. Overall, students gain an understanding of the way American literature represents the array of voices contributing to our multicultural identity.

**Course Type:** Original Credit  
Honors  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** English 10

## English 12

Throughout this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and give speeches. Overall, students gain an understanding of the way British and world literature represent the array of voices that contribute to our global identity.

**Course Type:** Original Credit  
Honors  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** English 11

## English Foundations I

English Foundations I supports adolescent literacy development at the critical stage between decoding and making meaning from text. Through intensive reading and writing skills instruction, deep practice sets, consistent formative feedback, graduated reading levels, and helpful strategy tips, the course leads students to improved comprehension and text handling. This course guides students through the reading, writing, and basic academic skills needed to prepare for success in academic coursework. At the end of the course, the student should be poised for continued success in the academic world.

**Course Type:** Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

## English Foundations II

English Foundations II offers a year of skill building and strategy development in reading and writing. Students read for a variety of purposes and write for a variety of audiences. The workshops stress high interest, engaging use of technology, relevant topics, and robustly scaffolded practice. Students learn to use different types of graphic organizers as they develop and internalize reading and writing process strategies. They build confidence as they develop skills and experience success on numerous low stakes assessments that encourage growth and reinforce learning.

**Course Type:** Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

### Creative Writing

Creative Writing is an English elective course that focuses on the exploration of short fiction and poetry, culminating in a written portfolio that includes one revised short story and three to five polished poems. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and facility with the writing process as they study elements of creative writing. Elements of fiction writing explored in this course include attention to specific detail, observation, character development, setting, plot, and point of view.

**Prerequisite:** English 10

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

### Media Literacy

Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today's students need to be able to read, comprehend, analyze, and respond to non-traditional media with the same skill level they engage with traditional print sources.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Reading Skills and Strategies

Reading Skills and Strategies is a course is designed to help the struggling reader develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy, which are the course's primary content strands. Using these strands, the course guides the student through the skills necessary to be successful in the academic world and beyond.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Writing Skills and Strategies

Writing Skills and Strategies develops key language arts skills necessary for high school graduation and success on high stakes exams through a semester of interactive instruction and guided practice in composition fundamentals. Four key learning strands are integrated throughout: composition practice, grammar skill building, diction and style awareness, and media and technology exploration. Guided studies emphasize the structure of essential forms of writing encountered in school, in life, and in the work place.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

## Pre-Algebra

Pre-Algebra provides a curriculum focused on foundational concepts that prepare students for success in Algebra I. Students are challenged to work toward a mastery of computational skills, to deepen their understanding of key ideas and solution strategies, and to extend their knowledge through a variety of problem-solving applications. Course topics include integers; the language of algebra; solving equations with addition, subtraction, multiplication, and division; fractions and decimals; measurement; exponents; solving equations with roots and powers; multi-step equations; and linear equations.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

## Algebra I

Algebra I builds students' command of linear, quadratic, and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include problem-solving with basic equations and formulas; an introduction to functions and problem solving; linear equations and systems of linear equations; exponents and exponential functions; sequences and functions; descriptive statistics; polynomials and factoring; quadratic equations and functions; and function transformations and inverses.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

Mathematics

**Prerequisites:** Pre-Algebra

## California Algebra I-A

California's Algebra I-A and I-B courses address the need for an expanded, two-year treatment of traditional high school Algebra I curriculum. Focusing on review of pre-algebra skills and introductory algebra content, Algebra I-A allows students to deepen their understanding of real numbers in their various forms and then extend their knowledge to linear equations in one and two variables. Course topics include integers; the language of algebra; fractions and decimals; exponents; solving equations with four basic operations; solving equations with roots, powers, or multiple steps; functions; and linear equations.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## California Algebra I-B

California's Algebra I-A and I-B courses address the need for an expanded, two-year treatment of traditional high school Algebra I curriculum. Algebra I-B course topics include a review of introductory algebra; measurement; graphing data; linear equations; systems of linear equations; polynomials; factoring of polynomials; factoring of quadratic functions; and rational expressions.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisites:** Algebra I-A

## Advanced Algebra I

Upon successful completion of Advanced Algebra I, students will have a strong foundation in basic Algebra skills upon which they can build as they delve into more advanced mathematical concepts in future years. Students will know how to solve equations and inequalities; be familiar with linear, quadratic, exponential, and rational functions; understand and identify linear and exponential patterns, factor polynomials; learn how to model using quadratic equations; have experience working with radical and rational expressions and equations; be familiar with frequency tables, histograms, and box and whisker plots; conduct a meaningful survey; and calculate permutation and combinations, theoretical and experimental probability, as well as the probability of compound events.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisites:** Pre-Algebra

## Geometry

Geometry builds upon students' command of geometric relationships and formulating mathematical arguments. Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles; triangles and trigonometry; quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three-dimensional solids; and applications of probability.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisites:** Algebra I

## Algebra II

Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define them. Course topics include quadratic equations; polynomial functions; rational expressions and equations; radical expressions and equations; exponential and logarithmic functions; trigonometric identities and functions; modeling with functions; probability and inferential statistics; probability distributions; and sample distributions and confidence intervals.

**Course Type:** Original Credit  
Honors  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

## Trigonometry

Upon successful completion of Trigonometry, students will have attained a mastery of the trig foundational skills necessary for success in higher mathematics. Students will master the unit circle; memorize the coordinates of various key angles to quickly determine the lengths of the sides of common right triangles; learn to use the sine, cosine, tangent and their reciprocal and inverse functions to determine unknown sides and angles of right triangles; determine the graphs of these functions and translate them; calculate arc length and sector area; utilize trig identities; work with vectors and calculate magnitude and direction from horizontal and vertical components and vice versa; add vectors both geometrically and algebraically; and solve trig equations.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

**Prerequisites:** Geometry and Algebra II

## Pre-Calculus

Pre-calculus is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.

**Course Type:** Original Credit  
Honors  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisites:** Successful completion of two years of Algebra and one year of geometry.

## Calculus

Walk in the footsteps of Newton and Leibnitz! An interactive text and graphing software combine with the exciting on-line course delivery to make Calculus an adventure. This course includes a study of limits, continuity, differentiation, and integration of algebraic, trigonometric and transcendental functions, and the applications of derivatives and integrals.

**Course Type:** Honors  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisites:** Algebra I, Geometry, Algebra II, and Pre-Calculus or Trigonometry/  
Analytical Geometry

## Integrated Mathematics I

Integrated Mathematics I builds students' command of geometric knowledge and linear and exponential relationships. Course topics include relationships between quantities; linear and exponential relationships; reasoning with equations; descriptive statistics; congruence, proof, and constructions; and connecting algebra and geometry through coordinates.

**Course Type:** Original Credit  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

**Prerequisites:** Pre-Algebra

## Integrated Mathematics II

Mathematics II extends students' geometric knowledge and introduces them to quadratic expressions, equations, and functions, exploring the relationship between these and their linear and exponential counterparts. Course topics include extending the number system; quadratic functions and modeling; expressions and equations; applications of probability; similarity, right-triangle trigonometry, and proof; and circles with and without coordinates.

**Course Type:** Original Credit  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

**Prerequisites:** Integrated Mathematics I

### Integrated Mathematics III

Integrated Mathematics III incorporates advanced functions, trigonometry, and probability and statistics as students synthesize their prior knowledge and solve increasingly challenging problems. Course topics include formulating inferences and conclusions from data; polynomial, rational, and radical relationships; trigonometry of general triangles and trigonometric functions; and mathematical modeling.

**Prerequisites:** Integrated Mathematics II

**Course Type:** Original Credit  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

### Financial Literacy

Financial Literacy helps students recognize and develop vital skills that connect life and career goals with personalized strategies and milestone-based action plans. Course topics include career planning; income, taxation, and budgeting; savings accounts, checking accounts, and electronic banking; interest, investments, and stocks; cash, debit, credit, and credit scores; insurance; and consumer advice on how to buy, rent, or lease a car or house.

**Prerequisites:** Introductory Algebra or equivalent

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

Mathematics

### Mathematics of Personal Finance

Mathematics of Personal Finance focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra I and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning.

**Prerequisites:** Algebra I and Geometry or their equivalents

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

### Probability and Statistics

Probability and Statistics provides a curriculum focused on understanding key data analysis and probabilistic concepts, calculations, and relevance to real-world applications. Course topics include types of data; common methods used to collect data; and the various representations of data, including histograms, bar graphs, box plots, and scatterplots. Students learn to work with data by analyzing and employing methods of prediction, specifically involving samples and populations, distributions, summary statistics, regression analysis, transformations, simulations, and inference. Ideas involving probability — including sample space, empirical and theoretical probability, expected value, and independent and compound events — are covered as students explore the relationship between probability and data analysis. The basic connection between geometry and probability is also explored.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

### Math Foundations I

Math Foundations I offers a structured remediation solution and is designed to expedite student progress in acquiring 3rd- to 5th-grade skills. The course is appropriate for use as remediation for students in grades 6 to 12. When used in combination, Math Foundations I and Math Foundations II (covering grades 6 to 8) effectively remediate computational skills and conceptual understanding needed to undertake high school-level math courses with confidence. Math Foundations I empowers students to progress at their optimum pace through over 80 semester hours of interactive instruction and assessment spanning 3rd- to 5th-grade math skills.

**Course Type:** Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

### Math Foundations II

Math Foundations II is designed to expedite student progress in acquiring 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as middle school curriculum. The program simultaneously builds the computational skills and conceptual understanding needed to undertake high school-level math courses with confidence.

**Course Type:** Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

## Anatomy and Physiology

In this course students explore the organization of the human body and how it works. They will acquire knowledge necessary to understand what the body is doing and how they can help the body cope with many different situations. Body systems will be studied in order to understand how their structure, location, and function allow for interaction with other parts of the body.

**Prerequisite:** Biology

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Biology

Biology focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment. The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and the interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

## California Chemistry

Chemistry offers a curriculum that emphasizes students' understanding of fundamental chemistry concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology. The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, the importance of chemistry to society, atomic structure, bonding in matter, chemical reactions, redox reactions, electrochemistry, phases of matter, equilibrium and kinetics, acids and bases, thermodynamics, quantum mechanics, nuclear reactions, organic chemistry, and alternative energy.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

## Earth Science

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Course topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

## Environmental Science

Environmental Science explores the biological, physical, and sociological principles related to the environment in which organisms live on Earth, the biosphere. Course topics include natural systems on Earth, biogeochemical cycles, the nature of matter and energy, the flow of matter and energy through living systems, populations, communities, ecosystems, ecological pyramids, renewable and non-renewable natural resources, land use, biodiversity, pollution, conservation, sustainability, and human impacts on the

**Course Type:** Original Credit  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

## Forensic Science

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

**Prerequisite:** 2 years of science including Biology

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Marine Science

In the marine science course, students explore the watery depths of our own planet in order to understand just how vital the ocean is to our existence. Throughout the course, students meet marine animals and learn about their interactions with each other and their environment. Students tour the evolving seafloor, where they encounter trenches, volcanoes, and ridges. Along the way, students hang ten as they discover waves, currents, tides, and other physical interactions between the ocean and the land. Finally, students study the impacts of chemical processes on our blue planet and how they affect the water, the atmosphere, and our climate. With a focus on conservation, this course shows students that the ocean connects us all, across distance and even time.

**Prerequisite:** Biology

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Physical Science

Physical Science offers a focused curriculum designed around the understanding of critical physical science concepts, including the nature and structure of matter, the characteristics of energy, and the mastery of critical scientific skills. Course topics include an introduction to kinematics, including gravity and two-dimensional motion; force; momentum; waves; electricity; atoms; the periodic table of elements; molecular bonding; chemical reactivity; gases; and an introduction to nuclear energy.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

## Physics

Physics offers a curriculum that emphasizes students' understanding of fundamental physics concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology. The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, math for physics, energy, kinematics, force and motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

**Prerequisite:** Middle school / junior high Physics, and one year of Algebra (two years recommended)

**Course Type:** Original Credit  
 Honors  
**Length:** Two semesters  
**UC Approved:** Yes



Science

## Psychology

Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behavior. By focusing on significant scientific research and on the questions that are most important to psychologists, students see psychology as an evolving science. Each topic clusters around challenge questions, such as "What is happiness?" Students answer these questions before, during, and after they interact with direct instruction.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## Science Foundation

Science Foundations provides students with opportunities to develop the knowledge, skills, and strategies necessary for success in rigorous high school science courses. The course is appropriate for use as remediation at the high school level or as a bridge to high school. Science Foundations is a two-semester course, with each semester containing 10 mini-units. Each mini-unit is composed of three lessons. The first lesson focuses on key concepts found in Earth science, physical science, and life science. The second lesson reinforces reading and math skills students need to be successful with the content introduced in the first lesson. The third lesson introduces scientific inquiry and critical thinking skills that will help students thrive in science as well as other disciplines.

**Prerequisite:** Middle school/junior high physical science

**Course Type:** Credit Recovery  
**Length:** Two semesters  
**UC Approved:** N/A

### Economics

This course is designed to explore the history of economics, the development of economic theories, and the structure of American and global economies. The role of government in economics is closely examined, including topics such as the power to tax, fiscal and monetary policies, and the role of government agencies. Economic cycles and the impact of recession and inflation are discussed. Scarcity, supply and demand, and the importance of sound economic choices are taught with an emphasis on the manner in which these subjects may affect students and their economic futures.

**Course Type:** Original Credit  
Credit Recovery  
**Length:** One semester  
**UC Approved:** Yes

### Epic Moments in World History

Epic Moments in World History is a Hollywood-style elective History course that will take students through the beginnings of civilization, to the present day, looking into just how our global society has evolved into the world we now live in.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Geography and World Cultures

Geography and World Cultures offers a tightly focused and scaffolded curriculum that enables students to explore how geographic features, human relationships, political and social structures, economics, science and technology, and the arts have developed and influenced life in countries around the world. Along the way, students are given rigorous instruction on how to read maps, charts, and graphs, and how to create them. The course is designed as the first in the social studies sequence. It develops note-taking skills, teaches the basic elements of analytic writing, and introduces students to the close examination of primary documents.

**Course Type:** Original Credit  
Honors  
**Length:** One semester  
**UC Approved:** Yes

### Modern History from 1450

In Modern World History from 1450, students study the major turning points that shaped the modern world including the expansion of Islamic and Asian empires, transoceanic exploration, the Atlantic slave trade, the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course not only provides students with a solid foundation in the history of the modern era, but it also prepares students to be active and informed citizens of the world.

**Course Type:** Original Credit  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

### Modern History from 1600

In Modern World History from 1600, students study the major turning points that shaped the modern world including the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course provides students with a solid foundation in the history of the modern era and prepares students to be active and informed citizens of the world.

**Course Type:** Original Credit  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

### Multicultural Studies

Multicultural Studies is a one-semester elective history and sociology course that examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences. Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, culture and the media, and the formation of new cultures.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## Personal Finance

The Personal Finance course is designed to prepare students with the skills and knowledge needed to shape their financial future. The course will provide a tool-kit of knowledge resources that will empower students to make informed financial decisions. The course covers real world topics including income, money management, credit, as well as saving and investing. Students will have the opportunity to explore concepts such as budgeting; checking and saving accounts; and investment options.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## Psychology

Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behavior. By focusing on significant scientific research and on the questions that are most important to psychologists, students see psychology as an evolving science. Each topic clusters around challenge questions, such as "What is happiness?" Students answer these questions before, during, and after they interact with direct instruction.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## Sociology

Sociology examines why people think and behave as they do in relationships, groups, institutions, and societies. Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## U.S. and Global Economics

U.S. and Global Economics offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles. The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the role of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflations, and the national debt; and a survey of markets in areas such as China, Europe, and the Middle East.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** One semester  
**UC Approved:** Yes

## U.S. Government and Politics

In U.S. Government and Politics, students examine the history, principles, and function of the political system established by the U.S. Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the U.S. political system.

## Social Studies

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** One semester  
**UC Approved:** Yes

## U.S. History

U.S. History traces the nation's history from the pre-colonial period to the present. Students learn about the Native American, European, and African people who lived in America before it became the United States. They examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system. Students investigate the economic, cultural, and social motives for the nation's expansion, as well as the conflicting notions of liberty that eventually resulted in civil war. The course describes the emergence of the United States as an industrial nation and then focuses on its role in modern world affairs. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans.

**Course Type:** Original Credit  
 Honors  
 Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

### U.S. History to the Civil War

This course traces the nation's history from the pre-colonial period to the end of the American Civil War. It emphasizes the colonial period and the creation of a new nation and examines the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system. Students first explore the earliest points of contact between individuals from Europe, Africa, and North America. They then probe the economic, cultural, and social motives for the nation's expansion, as well as the conflicting notions of liberty that eventually resulted in the Civil War.

**Course Type:** Original Credit  
Honors  
Credit Recovery  
**Length:** One semester  
**UC Approved:** N/A

### U.S. History since the Civil War

This course traces the nation's history from the end of the Civil War to the present. It describes the emergence of the United States as an industrial nation, highlighting social policy as well as its role in modern world affairs. Students evaluate the attempts to bind the nation together during Reconstruction while also exploring the growth of an industrial economy. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans.

**Course Type:** Original Credit,  
Honors  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

### World History

In World History, students learn to see the world today as a product of a process that began thousands of years ago when humans became a speaking, travelling, and trading species. Through historical analysis grounded in primary sources, case studies, and research, students investigate the continuity and change of human culture, governments, economic systems, and social structures.

**Course Type:** Original Credit  
Honors  
Credit Recovery  
**Length:** Two semesters  
**UC Approved:** Yes

### World History to the Renaissance

World History to the Renaissance traces the development of civilizations around the world from prehistory to the Renaissance. The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, science and technology, and the arts. Topics covered in this course include the birth of civilizations; the classical civilizations of India, China, Greece, and Rome; the rise of new empires such as the Byzantine; and an examination of civilizations in Africa and North and South America. From there, students journey to the Middle Ages and into the Renaissance.

**Course Type:** Original Credit  
Honors  
**Length:** Two semesters  
**UC Approved:** Yes

### World History since the Renaissance

World History since the Renaissance covers the development of civilizations around the world from the Renaissance to the present. The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, the effects of science and technology, the vital role of the arts, and the importance of trade and cultural exchange. Topics covered in this course include the Reformation and its legacy, the Scientific Revolution, European exploration, the Enlightenment, political revolutions, the rise of nation-states, the industrial era, the spread of imperialism, and the issues and conflicts of the 20th and 21st centuries.

**Course Type:** Original Credit  
Honors  
**Length:** Two semesters  
**UC Approved:** Yes

## Chinese I

High school students begin their introduction to Mandarin Chinese by focusing on the four key areas of language study: listening, speaking, reading and writing. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced after the first quarter. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, and analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries. *Note: Students who have already completed Middle School Chinese 2 should enroll in Chinese II rather than in Chinese I.*

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Chinese II

Students continue their study of Mandarin Chinese by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Character recognition and practice are a key focus of the course, and students are expected to learn several characters in each unit. Pinyin is still presented with characters to enhance listening and reading comprehension.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** Chinese I or equivalent fluency

## Chinese III

In Chinese III, students continue to expand their abilities in various aspects of Chinese Mandarin. They also enhance their Chinese Mandarin listening and speaking skills, such as pronunciation and intonation. Students learn more in-depth Chinese reading and writing strategies and skills. The Chinese III course greatly improves students' reading abilities, and students are able to write in Chinese in various formats such as journal, letter, invitation, and essay. In this course, students learn more essential knowledge of Chinese culture, including the origins, histories, anecdotes, and etiquettes for various cultural settings, events, and occasions.

**Course Type:** Honors  
**Length:** Two semesters  
**UC Approved:** Yes

## French I

French I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as sports, travel, and medicine. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the verb system, adjective agreement, formal and informal address, reflexive verbs, and past tense. Students also gain an understanding of the cultures of French-speaking countries and regions within and outside Europe, as well as insight into Francophone culture and people.

**Course Type:** Original Credit  
 Honors  
**Length:** Two semesters  
**UC Approved:** Yes

## French II

French II teaches students to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal address. Instruction in language structure and grammar includes present- and past-tense verb forms and uses, negation, and direct and indirect objects. Students deepen their knowledge of French-speaking regions and cultures by learning about history, literature, culture, and contemporary issues.

**Course Type:** Original Credit  
 Honors  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** French I or equivalent fluency

World Language

## French III

Students further deepen their understanding of French by focusing on the three modes of communication: interpretive, interpersonal and presentational in this course conducted almost entirely in French. Students will use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics and respond appropriately to conversational prompts, analyze and compare cultural practices and perspectives of various French-speaking countries, read and analyze important pieces of literature and take frequent assessments to monitor their language progression.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** French II or equivalent fluency

## French IV

This fourth year of French is a continuation of the first three years. The student will continue to sharpen listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. The course is rich in authentic text reading material and authentic, native-speaker recordings and presentations to enrich culture, grammar and vocabulary presentations. Culture is sprinkled throughout the course to help the learner focus on the French speaking world and their culture, people, geographical locations and histories.

**Prerequisite:** French III or equivalent fluency

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## German I

High school students begin their introduction to German by focusing on the four key areas of language study: listening, speaking, reading, and writing. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices and perspectives of various German-speaking countries and take frequent assessments to monitor language growth. *Note: Students who have already completed Middle School German 2 should enroll in German II rather than in German I.*

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## German II

Students continue their study of German by further expanding their knowledge of key vocabulary topics and grammar concepts in this course that is conducted almost entirely in German by the second semester. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Students will understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices and perspectives of various German-speaking countries and take assessments to monitor growth.

**Prerequisite:** German I or equivalent fluency

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## German III

This third year of German is a continuation of the first two years. The student will continue to sharpen listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Media, My Childhood, My Future, Foods, and The Environment), students learn to express themselves using an ever increasing vocabulary and more advanced sentence structure. Culture is spread throughout the course to help the learner focus on the German speaking world: its culture, people, geographical locations and histories.

**Prerequisite:** German II or equivalent fluency

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## German IV

This fourth year course builds upon the first three levels of German. Students will continue to develop their skills in reading, writing, listening and speaking, building vocabulary and grammar skills that move beyond practical scenarios to focus on cultural competency. Exercises based on authentic texts, as well as audio and visual materials from Germany, Austria, and Switzerland, will teach students to think critically and express themselves on topics relevant to German culture, past and present. Topics include: the history of political resistance, current events, environmentalism, multiculturalism, multilingualism, important personalities in the arts, literature and sciences, and profiles of three major cities.

**Prerequisite:** German III or equivalent fluency

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Japanese I

This is a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Greetings, The date, Time, Colors and Places), students learn to express themselves using an ever increasing vocabulary, present-form verbs, particles, and adjectives. Cultural information in the course will teach the student about Japanese culture, people, society, and history.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Japanese II

This course is a continuation of a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Culture is sprinkled throughout the course to help the learner focus on the Japanese language and culture, people, life-style, geographical locations and histories.

**Prerequisite:** Japanese I or equivalent fluency

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Latin I

There is a reason “all roads lead to Rome.” Maybe it is because Romans built much of the ancient world’s highway system. Maybe it is also because the Roman culture and Latin language laid the foundation for much of Western culture. Students improve their command of the English language by studying Latin. Students also gain a better understanding of today’s laws and culture by getting into the Roman mind. Latin I is the most comprehensive way to begin. The purpose of this course is to give students a foundation in Latin grammar and vocabulary. This course also acquaints students with Olympic gods and with the everyday life of the typical Roman.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Latin II

In Latin II, the plots and the characters that populated ancient Rome will come alive. In this course, you’ll build on your knowledge of Latin grammar and vocabulary. In the process, you’ll sense the beauty of the language and the passion of those who spoke it. Roman engineering, art, commerce and system of laws were all supported by a clear, expressive and flexible language - a language in which you will be able to communicate. This course will give you a solid grounding in the structure of the language. It will also give you a clear lens for looking into the heart and majesty of the Roman spirit.

**Prerequisite:** Latin I

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Latin III

In Latin III, students take their knowledge and appreciation of Latin to the next level. Students read some of the best Latin prose and poetry ever written or spoken. In Latin III, students visit the library of great authors. Students’ skills with the Latin language give them direct access to the beauty and power of these great authors’ thoughts. The purpose of this course is to strengthen students’ Latin vocabulary as well as their appreciation for well-crafted writing. Students go directly to the source and recognize why Latin and those who spoke it are still relevant today.

**Prerequisite:** Latin II

**Course Type:** Honors  
**Length:** Two semesters  
**UC Approved:** Yes

## Spanish I

Spanish I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the structures and uses of present-tense verb forms, imperatives, adjective agreement, impersonal constructions, formal and informal address, and reflexive verbs. Students explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe.

**Course Type:** Original Credit  
 Honors  
**Length:** Two semesters  
**UC Approved:** Yes

World Language

## Spanish II

Building on Spanish I concepts, Spanish II students learn to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal situations. Students expand their vocabulary in topics such as cooking, ecology, geography, and architecture. Instruction in language structure and grammar includes a review of present-tense verb forms, an introduction to the past tense, the conditional mood, imperatives, impersonal constructions, and reported speech. Students deepen their knowledge of Spanish-speaking regions and cultures by learning about history, literature, culture, and contemporary issues.

**Prerequisite:** Spanish I or equivalent fluency

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

### Spanish III

In Spanish III, students build upon the skills and knowledge they acquired in Spanish I and II. The course presents new vocabulary and grammatical concepts in context while providing students with ample opportunities to review and expand upon the material they have learned previously. Students read and listen to authentic materials from newspapers, magazines, and television. The content is focused on contemporary and relevant topics such as urbanization and population growth in Latin American countries, global health concerns, jobs of the future, and scientific advancements. The materials engage students as they improve their command of Spanish.

**Prerequisite:** Spanish II or equivalent fluency

**Course Type:** Original Credit  
Honors  
**Length:** Two semesters  
**UC Approved:** Yes

### Spanish IV

The main objective of the Spanish IV course is to develop students' interpersonal communication skills in Spanish. The fundamental objective is for the students to achieve a high level of ability in listening, speaking, reading and writing. Students are exposed to literature, historical and current events of Spanish-speaking countries through authentic newspapers and magazines, music, movie, radio and television productions, literary texts, and virtual visits online. Students will also use Spanish to access information and to compare and contrast cultural elements of Spanish-speaking countries with their own.

**Prerequisite:** Spanish III or equivalent fluency

**Course Type:** Honors  
**Length:** Two semesters  
**UC Approved:** Yes

### Spanish for Spanish Speakers I

Bienvenidos! Welcome! The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Course content reflects the cultural values of Spanish language and societies. The course enables students to gain a better understanding of the nature of their heritage language. Students also increase their awareness and appreciation of Hispanic cultures. Spanish is used exclusively in the course.

**Prerequisite:** Native or fluent Spanish speaking

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

## Art Appreciation

Art Appreciation is a survey of the history of Western visual arts, with a primary focus on painting. Students begin with an introduction to the basic principles of painting and learn how to critique and compare works of art. Students then explore prehistoric and early Greek and Roman art before they move on to the Middle Ages. Emphasis is placed on the Renaissance and the principles and masters that emerged in Italy and northern Europe. Students continue their art tour with the United States during the 20th century, a time of great innovation as abstract art took center stage. While Western art is the course's primary focus, students will finish the course by studying artistic traditions from Africa, Asia, Oceania, and the Americas.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A



Elective

## Art History and Criticism 1

In this course students will understand the political, cultural, and religious changes throughout history that are depicted within art. This course is an opportunity for students to reflect on how art was and is used as a vehicle to communicate, depict political and religious propaganda, and serve as evidence of cultural shifts and changes. Students will build upon knowledge throughout the course and understand how art reflects and communicated cultural change and evolution. Students will demonstrate their skills through participation in extended collaborative projects. Art History & Criticism 1 Honors is an honors-only course.

**Course Type:** Honors  
**Length:** Two semesters  
**UC Approved:** N/A

## College and Career Preparation I

In College and Career Preparation I, students obtain a deeper understanding of what it means to be ready for college. Students are informed about the importance of high school performance in college admissions and how to prepare for college testing. They know the types of schools and degrees they may choose to pursue after high school and gain wide exposure to the financial resources available that make college attainable. Career readiness is also a focus. Students connect the link between interests, college majors, and future careers by analyzing career clusters. Students come away from this course understanding how smart preparation and skill development in high school can lead into expansive career opportunities after they have completed their education and are ready for the working world.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

## College and Career Preparation II

College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well financial aid options. College and Career Preparation II also instructs students in interviewing techniques and provides career guidance. Students explore valuable opportunities such as job shadowing and internships when preparing for a career. **Prerequisite: College and Career Preparation I**

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

## Creative Photography 1

In this course, you will find your visual voice, learn how photography is a pictorial document and how you visually represent your experiences, and understand photography for the use of self-expression. This course includes the history of photography, the basics of the camera, photography techniques, why people take photographs, how to constructively critique photographs, and careers in photography. All you need to get started is a digital camera with at least the following mode options: portrait, landscape, action, and macro.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

## Creative Writing

Creative Writing is an English elective course that focuses on the exploration of short fiction and poetry. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and facility with the writing process as they study elements of creative writing. Elements of fiction writing explored in this course include attention to specific detail, observation, character development, setting, plot, and point of view. In the poetry units, students learn about the use of sensory details and imagery, figurative language, and sound devices including rhyme, rhythm and alliteration. They also explore poetic forms ranging from found poems and slam poetry to traditional sonnets and villanelles. **Prerequisite: English 10**

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

### Critical Thinking and Study Skills

Critical Thinking and Study Skills teaches students how to get better grades and higher test scores, and increase their success in high school. Students who already perform well in school will learn new study skills and testing skills that will help them get even better. Students who struggle in school will learn about Success Mindsets, study skills, and testing skills to help them perform at new levels. This course teaches the ACE test-taking method to increase scores on key tests such as the ACT, SAT, and tests for graduation.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Fitness Lifestyle Design

Students spend quality time at Club Web and learn healthy habits for body and mind to lead to a healthier lifestyle. Students assess their beginning fitness levels and nutritional knowledge, then create individual plans for achieving personalized goals. The expertise of a professional fitness staff combine with natural surroundings perfect for fun and relaxation at Club Web, and students are set for fitness adventure. Among the numerous activities available to Club Web guests are golf, tennis, racquetball, biking, the health and fitness center, and the walking and jogging trail. While at Club Web, students improve flexibility, enhance cardiovascular fitness, and increase strength and endurance. The goal of this course is to help students experience the benefits of exercise, proper nutrition, and weight management.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Financial Literacy

Financial Literacy helps students recognize and develop vital skills that connect life and career goals with personalized strategies and milestone-based action plans. Students explore concepts and work toward a mastery of personal finance skills, deepening their understanding of key ideas and extending their knowledge through a variety of problem-solving applications. Course topics include career planning; income, taxation, and budgeting; savings accounts, checking accounts, and electronic banking; interest, investments, and stocks; cash, debit, credit, and credit scores; insurance; and consumer advice on how to buy, rent, or lease a car or house.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

**Prerequisite:** Pre-Algebra or equivalent

### Forensic Science

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** 2 years of science including Biology

### Guitar I

The high school Guitar I course is a two segment introduction to the basics of music and guitar. Students with little or no experience playing guitar will be guided by Carlos and Ariel as they learn to play guitar, music notation, musical styles, simple and full-strum chords, foundational music literacy and theory, and major scales. Prior music experience isn't necessary, but a six-string guitar is. Grab your guitar and get ready to jam.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

**Prerequisite:** Your own guitar

### Health

Health is a valuable, skills-based health education course designed for general education in grades 9 through 12. Health helps students develop knowledge, attitudes, and essential skills in a variety of health-related subjects, including mental and emotional health, social health, nutrition, physical fitness, substance use and abuse, disease prevention and treatment, and injury prevention and safety. Through use of accessible information, realistic interactivities, and project-based learning, students apply the skills they need to stay healthy. These skills include identifying and accessing valid health information, practicing self-management, identifying internal and external influences, communicating effectively, making healthy decisions, setting goals, and advocating.

**Course Type:** Original Credit  
 Credit Recovery  
**Length:** One semester  
**UC Approved:** Yes

## Health Opportunities through Physical Education (HOPE)

Health Opportunities through Physical Education (HOPE) combines instruction in health and physical education in a full-year, integrated course. It focuses on developing skills, habits and attitudes to maintain a healthy lifestyle and applying lessons learned to physical fitness. Through active participation and real-world simulations, the course aims to demonstrate firsthand the value of conscientious lifestyle management. HOPE requires routine participation in adult-supervised physical activities. Successful completion of this course will require parent/legal guardian sign-off on student-selected physical activities on weekly participation reports to verify the student is meeting his or her requirements and responsibilities.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

Elective

## Journalism I

Journalism I provides students with the fundamental basics of journalism. Students begin by exploring the history of American journalism, examining different media such as print, radio, television, and internet journalism. Students learn how to write a news story, a feature story, and an editorial, with a focus on research, analyzing the reliability of sources, conducting interviews, writing leads, revising, and self-editing. Students will also take a close look at different careers in journalism, ethics in journalism, and visual layouts using technology, including web 2.0 tools.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

## Law Studies

In this course, students examine laws and court decisions that apply to all citizens, as well as those that specifically outline the rights of teenagers. Students gain a greater understanding of the foundations of the United States government and legal system as they review the principles outlined in the founding documents. In addition to studying criminal and civil law, students also explore life events covered under family law and the legal protections given to consumers. Students are challenged to investigate Supreme Court rulings and apply them to situations faced by teenagers. The course offers students the chance to express and support their opinions about changing public policies and current legal issues. The focus is on understanding legal concepts and how to find answers about legal questions.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## Leadership Skills Development I

In this course, students will acquire new power to succeed in high school, college, and life. Students will learn how to take action by pressing their Turbo Button, manage their time by staying in the Lasting Zone, chart their goals by creating a North Star, and many other proven leadership techniques developed by Mawi Learning, a leadership training organization that has worked with more than one million students. Whether students are struggling or already at the top of their game, Leadership Skills Development will give them new power to create the life of their dreams.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

## Leadership Skills Development II

Increase your confidence and build your social skills as you learn how to overcome many of the toughest challenges teens face. Discover how your “super-charged” teen brain really works, so you can make better decisions, have more fun, and achieve more. Learn how to conquer peer pressure, social anxiety, and the unnecessary risks that can derail your future. By the end of your training, you will have new power to direct your own life and lead your classmates. Throughout the course, you will be coached by Mawi Asgedom, a Harvard graduate and student success expert who has written eight books and trained over 1,000,000 students.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

## Life Management Skills

Making good decisions is a whole lot easier for those who have the correct information before making those decisions. Being equipped with correct information will empower students to manage real issues, like quality nutrition, substance abuse, coping with stress, and sexual abstinence. Good health is both mental and physical. Making good decisions starts with knowing the facts, understanding the consequences, and having the confidence to choose well. Students learn to use important tools for communicating feelings and opinions. Other tools provide a foundation for becoming a savvy consumer in a world of advertising, credit cards, and focusing on earth-friendly practices that will help the environment. This course comes with a long-term payoff. Learning to make good decisions now will set a positive direction to follow for the future.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Mathematics of Personal Finance

Mathematics of Personal Finance focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra I and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning. Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems).

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

**Prerequisite:** Algebra I and Geometry or their equivalents

### Media Literacy

Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in non-traditional media genres, such as blogging and podcast scripting.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Medical Terminology

Medical Terminology provides general study skills and a firm foundation for students preparing for postsecondary education to pursue a career in the medical field. Specifically, students explore the structures, functions, and terms related to disease and the bodily systems, including the skeletal, muscular, cardiovascular, lymphatic, respiratory, digestive, nervous, integumentary, endocrine, and reproductive systems. Students learn about specific health care professions and the unique role each plays. Through the study of this material students learn effective deciphering skills enabling them to decode medical terminology they have seen and terminology to which they are yet to be exposed.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

### Multicultural Studies

Multicultural Studies is a one-semester elective history and sociology course that examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences. Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, culture and the media, and the formation of new cultures.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

### Music Appreciation

Music Appreciation is a streamlined course that introduces students to the history, theory, and genres of music, from the most primitive surviving examples, through the classical to the most contemporary in the world at large. The course is offered in a two-semester format. The first semester covers primitive musical forms and classical music. The second semester presents the rich modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop. The course explores the interface of music and social movements and examines how the emergent global society and the Internet bring musical forms together in new ways from all around the world.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** Yes

### Music of the World

Music is part of students' everyday life. In this course, they learn how to understand the impact of music as well as how it represents the culture it was created within and reflects the spirit of the human condition. Students learn to know and understand music by being able to distinguish and identify cultures on both local and global levels. Students meet musicians and composers and learn how their music continues to influence what is listened to today. In this course, students gain a historical perspective of music, covering a variety of styles and developments from the Middle Ages through the 21st century. In their musical journey, students acquire basic understanding and knowledge of singing, listening, and playing instruments. Partnering those skills with an understanding of music composition and improvisation will make future music experiences more informed and satisfying.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

## Parenting Skills

What is the best way to care for children and teach them self-confidence and a sense of responsibility? The process of parenting involves more than having a child and providing food and shelter. In this course, students learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course. Get started today and learn about the skills parents need to raise healthy and productive kids.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A



Elective

## Personal and Family Finance

They say money makes the world go round; but how? In this course, students learn how money impacts their world. Why do we pay taxes? How do credit cards work? How can students learn to spend money without going into debt? This course teaches students how to manage money properly to achieve financial success. Students learn how avoid common financial mistakes, as well as how to invest for their future. After completing the course, students understand how the financial world works and have the knowledge to manage their personal and family finances effectively.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## Personal Fitness

Health In this Personal Fitness course, students are required to participate in weekly cardiovascular, flexibility and strength and endurance activities. Students who are unable to participate in such physical exercises will be unable to complete the requirements of this course. Students who have an Individualized Educational Plan (IEP) or some other physical limitation that prevents them from participating in physical activity should seek to enroll in an Adaptive Physical Education course.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

## Physical Education

Physical Education combines the best of online instruction with actual student participation in weekly cardiovascular, aerobic, and muscle toning activities. The course promotes a keen understanding of the value of physical fitness and aims to motivate students to participate in physical activities throughout their lives. The course requires routine participation in adult-supervised physical activities. Successful completion of this course will require parent/legal guardian sign-off on student-selected physical activities and on weekly participation reports to verify the student is meeting his or her requirements and responsibilities.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

## Probability and Statistics

Probability and Statistics provides a curriculum focused on understanding key data analysis and probabilistic concepts, calculations, and relevance to real-world applications. Course topics include types of data; common methods used to collect data; and the various representations of data, including histograms, bar graphs, box plots, and scatterplots. Students learn to work with data by analyzing and employing methods of prediction, specifically involving samples and populations, distributions, summary statistics, regression analysis, transformations, simulations, and inference. Ideas involving probability — including sample space, empirical and theoretical probability, expected value, and independent and compound events — are covered as students explore the relationship between probability and data analysis. The basic connection between geometry and probability is also explored.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

## Psychology

Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behavior. By focusing on significant scientific research and on the questions that are most important to psychologists, students see psychology as an evolving science. Each topic clusters around challenge questions, such as "What is happiness?" Students answer these questions before, during, and after they interact with direct instruction.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** Yes

### Reading Skills and Strategies

Reading Skills and Strategies is a course designed to help the struggling reader develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy, which are the course's primary content strands. Using these strands, the course guides the student through the skills necessary to be successful in the academic world and beyond.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Social Media I

This course will teach students that the world of Social Media revolves around them – their actions, decisions, and interests. They will examine how Social Media has evolved. They will understand how to find authenticity and truth within an online world where people can “be” anyone. They will also learn how their digital footprint makes a bigger impression than their physical one. Students will also discover that their voice is important. They are not only a reader – they are a writer. They don't just follow the news – they report it as a citizen journalist. And they don't just gather information – they crowdsource it.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

### Theatre, Cinema, and Film Production

Students explore the elements of theater and cinematic techniques used by those who create performance productions. As students progress through the course, they will view the historical development of different genres and the reasons why they were used. Students will also be exposed to a detailed view of film and theater backstage operations and asked to speculate on why a director chooses certain perspectives. This course can be used to meet a performing/fine arts requirement for high school graduation.

**Course Type:** Original Credit  
**Length:** Two semesters  
**UC Approved:** N/A

### Writing Skills and Strategies

Writing Skills and Strategies develops key language arts skills necessary for high school graduation and success on high stakes exams through a semester of interactive instruction and guided practice in composition fundamentals. Four key learning strands are integrated throughout: composition practice, grammar skill building, diction and style awareness, and media and technology exploration. Guided studies emphasize the structure of essential forms of writing encountered in school, in life, and in the work place.

**Course Type:** Original Credit  
**Length:** One semester  
**UC Approved:** N/A

## AP Art History

In AP Art History, students will explore the interconnections between culture, art, and historical context through the critical analysis of art, culture, and purpose. Through the use of a defined art historical skill set and reflective learning, students will analyze relationships across cultures with a global lens. The examination of how people have responded to and communicated their experiences through art will enable students to think conceptually about art ranging from prehistory to contemporary. Students will be active participants, engaging with art and its context as they read, research, and collaborate to learn about art, artists, art making, and responses to and interpretations of art.

**Length:** Two semesters  
**UC Approved:** Yes

## AP Biology

AP Biology builds students' understanding of biology on both the micro and macro scales. After studying cell biology, students move on to understand how evolution drives the diversity and unity of life. Students will examine how living systems store, retrieve, transmit, and respond to information and how organisms utilize free energy. The equivalent of an introductory college-level biology course, AP Biology prepares students for the AP exam and for further study in science, health sciences, or engineering.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** Biology

## AP Calculus AB

AP Calculus is a two part-series consisting of AP Calculus AB and BC. Students completing this series will have taken the equivalent of two-semester of college Calculus. In AP Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** Algebra II, Geometry, Pre-Calculus with Trigonometry

## AP Calculus BC

In this course, students study functions, limits, derivatives, integrals, and infinite series. Students learn to evaluate the soundness of proposed solutions and apply mathematical reasoning to real-world models. Students also learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. The equivalent of an introductory college-level calculus course, students prepare for the AP Exam and further studies in science, engineering, and mathematics.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** AP Calculus AB

## AP Chemistry

AP Chemistry builds students' understanding of the nature and reactivity of matter. After studying chemical reactions and electrochemistry, students move on to understand how the chemical and physical properties of materials can be explained by the structure and arrangements of the molecules and the forces between those molecules. Students will examine the laws of thermodynamics, molecular collisions, and the reorganization of matter in order to understand how changes in matter take place. Finally, students will explore chemical equilibria, including acid-base equilibria. The equivalent of an introductory college-level chemistry course, AP Chemistry prepares students for the AP exam and for further study in science, health sciences, or engineering.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** Chemistry

## AP Computer Science A

The AP Computer Science A course is an introductory computer science course. A large part of the course involves developing the skills to write programs or parts of programs that correctly solve specific problems. The course also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

**Length:** Two semesters  
**UC Approved:** Yes

Advanced  
Placement

### AP English Language and Composition

In AP English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP exam and for further study in communications, creative writing, journalism, literature, and composition. AP English Language and Composition is recommended for 11th and 12th grade students.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** At least a B-grade in most recent English course

### AP English Literature and Composition

In AP English Literature and Composition immerses students in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The course places special emphasis on reading comprehension, structural and critical analysis of written works, literary vocabulary, and recognizing and understanding literary devices. The equivalent of an introductory college-level survey class, this course prepares students for the AP exam and for further study in creative writing, communications, journalism, literature, and composition.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** At least a B-grade in most recent English course

### AP Environmental Science

AP Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. Topics explored include natural systems on Earth; biogeochemical cycles; the nature of matter and energy; the flow of matter and energy through living systems; populations; communities; ecosystems; ecological pyramids; renewable and nonrenewable resources; land use; biodiversity; pollution; conservation; sustainability; and human impacts on the environment. The equivalent of an introductory college-level science course, AP Environmental Science prepares students for the AP exam and for further study in science, health sciences, or engineering.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** 1 year of life science, physical science, and algebra

### AP European History

In the AP European History course, students learn about the cultural, economic, political, and social developments that have shaped today's world by studying European history from 1450 to the present. Students study the great awakening referred to as the Renaissance, as well as the reformations that took place during this critical time in history. They study the religious tensions and wars of this period, as well as revolutions, industrialization, liberalism, conservatism, and nationalism. They also learn about socialism and marxism, the second industrial revolution, and the World Wars. They go on to study Europe in the Twentieth Century, with its technology, religious and social transformations, its "modern" women, and its new political voices and social life.

**Length:** Two semesters  
**UC Approved:** Yes

### AP French Language and Culture

This course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP French Language course prepares them for the AP French exam. The course is designed as an immersion experience requiring the use of French exclusively. The online learning coach only uses French to communicate with students. In addition, all the reading, listening, speaking and writing is in French.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** 3 years of French or equivalent

### AP Human Geography

The AP Human Geography course is designed to provide college level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world in which we live. Students are challenged to use maps and geographical data to examine spatial patterns and analyze the changing interconnections among people and places.

**Length:** Two semesters  
**UC Approved:** Yes

## AP Macroeconomics

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science and history.

**Prerequisite:** Algebra II

**Length:** One semester  
**UC Approved:** Yes

## AP Microeconomics

AP Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP exam and for further study in business, history, and political science.

**Prerequisite:** Algebra I

**Length:** One semester  
**UC Approved:** Yes

Advanced  
Placement

## AP Music Theory

This rigorous AP Music Theory course provides students with an in-depth foundation of music theory, including the elements of musical composition. It is an excellent preparation for students desiring a music-related career and for those planning to take the AP Music Theory exam. Course topics include music theory foundations, compound meters and minor tonality, intervals, triads, and seventh chords, counterpoint—connecting melodic and harmonic intervals, establishing the two-voice composition, eighteenth century counterpoint harmonization, tones and scales, and diatonic sequences.

**Length:** Two semesters  
**UC Approved:** Yes

## AP Physics 1

AP Physics 1 is an algebra-based, introductory college-level physics course. Students expand their understanding of Physics through inquiry-based investigations as they explore topics such as: Kinematics, Dynamics, Circular Motion & Gravitation, Energy, Momentum, Rational Motion, Simple Harmonic Motion, Mechanical Waves, Electrostatics, Circuits, and Problem Solving.

**Prerequisite:** Honors Physics and Algebra II

**Length:** Two semesters  
**UC Approved:** Yes

## AP Psychology

Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behavior. By focusing on significant scientific research and on the questions that are most important to psychologists, students see psychology as an evolving science. Each topic clusters around challenge questions, such as "What is happiness?" Students answer these questions before, during, and after they interact with direct instruction.

**Prerequisite:** Biology

**Length:** One semester  
**UC Approved:** Yes

## AP Spanish Language and Culture

AP Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP exam and for further study of Spanish language, culture, or literature.

**Prerequisite:** 3–4 years of Spanish or equivalent native fluency

**Length:** Two semesters  
**UC Approved:** Yes

### AP Statistics

AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.

**Prerequisite:** Algebra II or Math Analysis

**Length:** Two semesters  
**UC Approved:** Yes

### AP Studio Art-Drawing

This AP course, filmed in 3-D, provides students with a conceptual and visual foundation of the components of artistic drawing. It is an excellent foundation for students desiring a career in an art-related field, and gives guided preparation on preparing artwork for the AP exam.

**Length:** Two semesters  
**UC Approved:** Yes

### AP U.S. Government and Politics

AP U.S. Government and Politics studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics, and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP U.S. Government and Politics prepares students for the AP exam and for further study in political science, law, education, business, and history.

**Length:** One semester  
**UC Approved:** Yes

### AP U.S. History

U.S. History traces the nation's history from the pre-colonial period to the present. Students learn about the Native American, European, and African people who lived in America before it became the United States. They examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system. Students investigate the economic, cultural, and social motives for the nation's expansion, as well as the conflicting notions of liberty that eventually resulted in civil war. The course describes the emergence of the United States as an industrial nation and then focuses on its role in modern world affairs. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans.

**Length:** Two semesters  
**UC Approved:** Yes

### AP World History

This course focuses on world history from 8000 BCE to present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods and develop the same thinking skills and methods employed by historians when they study the past.

**Length:** Two semesters  
**UC Approved:** Yes

## Business Applications

Business Applications prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Business Applications is an introductory level Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. Students who successfully complete the course can go on to obtain the Microsoft® Office Specialist: Microsoft® Office Word certification.

**Length:** One semester  
**UC Approved:** Yes

## Business Management

Business Management is a course that is appropriate for both students on a business career path as well as students seeking to attend college in a business related field. Course topics include management and leadership, planning and change, economics and ownership, regulation and communication, business metrics, capitalization, supply chain management, human resources, and managing the manager.

**Length:** Two semesters  
**UC Approved:** Yes

## College & Career Readiness

The College and Career Readiness course provides students with basic knowledge and skills they need as they prepare for further training in a career or go on to college. Course topics include: Preparing Your Path for Success, Discovering Career Choice Influences, Understanding Yourself, Looking Into the Future, Planning Your Internal Career Design, Setting Goals, Understanding Finances, Going from Here to Your Career, Applying and Interviewing for a Job.

**Length:** Two semesters  
**UC Approved:** N/A

## Computer Applications

Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study web publishing and design, spreadsheets and database software. Computer Applications is an introductory level Career and Technical Education course applicable to programs of study in Business Management and Administration, Information Technology, and other career clusters.

Career & Technical  
Education

**Length:** One semester  
**UC Approved:** Yes

## Digital Information Technology

Diving into this exciting course provides you with the foundational skills needed for future careers in game development, web design, software engineering and even military defense. You'll explore Microsoft Office online applications, digital design, emerging technologies, operating systems, and much more! Learn your strengths and how they relate to potential career opportunities. This course serves as a prerequisite to many career and technical education programs of study.

**Length:** Two semesters  
**UC Approved:** Yes

## Electrical Technology I

This CTE course, filmed in 3-D, gives students who are interested in a career path in an electrical-related field - including general construction - a foundation of knowledge and practice necessary for a successful career.

**Length:** Two semesters  
**UC Approved:** Yes

## Electrical Technology II

This 3-D course builds on the foundation of Electrical Technology I to give students additional knowledge and skills they will need for a career in an electrical-related field and prepares them for the Electrical Technology certification exam.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** Electrical Technology I

## Human Resources Principles

Human Resources Principles examines the main functions of human resources management, including planning, recruitment, selection, training, development, compensation, and evaluation. In so doing, the course provides students with the tools to hire, manage, and fire employees. Students will also explore the unique role of human resources in the larger organization. Human Resources Principles is a full-year intermediate or capstone Career and Technical Education course applicable to programs of study in the Business, Management and Administration career cluster. Students who successfully complete the course will be prepared to pursue certifications such as Associate Professional in Human Resources TM, Certified Administrative Manager, or Certified Associate in Project Management (CAPM)®.

**Length:** Two semesters  
**UC Approved:** Yes

## HVAC & Refrigeration I

This Heating-Ventilation-Air Conditioning-and Refrigeration course, filmed in 3-D, provides students with a basic foundation of knowledge and skill required for a career in the HVAC-R field. It is the first in a two-part course of study preparing students for HVAC-R certification.

**Length:** Two semesters  
**UC Approved:** Yes

## HVAC & Refrigeration II

This Heating-Ventilation-Air Conditioning-and Refrigeration 3-D course builds on the knowledge and skills taught in HVAC-R I to provide students the preparation they need for their career and for the HVAC-R certification exam.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** HVAC & Refrigeration I

## Information Management I

Information Management I provides students with an introduction to how businesses use technology to manage immense amounts of data and develops general study skills for continuing education. Through historical context, extensive examples, and practice, students learn about the importance of making informed decisions based on data mining and analysis and the inquiry skills necessary to avoid pitfalls. This course develops communication skills while providing a firm foundation for students looking to excel in technology and management related advanced postsecondary degrees. Students will gain an understanding of using the Internet to promote a business and the responsibility that goes along with worldwide communications.

**Length:** Two semesters  
**UC Approved:** Yes

## Information Management II

Information Management II builds on previous instruction to give students management and study skills and for postsecondary education and beyond. Students will learn the basics of workplace communication, become familiar with financial statements, learn to structure business documents, and gain an understanding of how businesses function. Students will learn about economics, business legalities, and be given training on skills such as oral presentation and timed writing. From writing a resume to managing employees, this course will enable students to strengthen their business skills and prepare them to gain further knowledge through the study of business related college majors and careers.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** Info Management I

## Information Technology Applications

Information Technology Applications prepares students to work in the field of Information Technology. Students will be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. Through a series of hand-on activities, students will learn what to expect in the field of Information Technology and begin exploring career options in the field. Information Technology Applications is an introductory level Career and Technical Education course applicable to programs of study in information technology as well as other career clusters. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access, as well as IC3 certification.

**Length:** One semester  
**UC Approved:** Yes

## Introduction to Accounting

Introduction to Accounting explores the field of accounting, covering the process of recording, analyzing, classifying, summarizing, and communicating accounting information. Students will have the opportunity to learn how to interpret and formulate financial information for use in management decision making. Mr. Rogers helps students to investigate the impact of industry standards as well as economic, financial, legal, and ethical factors.

**Length:** Two semesters  
**UC Approved:** N/A

## Introduction to Business and Marketing

Introduction to Business and Marketing provides the foundational knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the market place, as well as understanding product placement and promotion. Introduction to Business and Marketing is as an introductory-level Career and Technical course for programs of study in Business Administration and Management.

**Length:** One semester  
**UC Approved:** Yes

## Intermediate Business and Marketing

Intermediate Business and Marketing provides the intermediate knowledge and skills students need for careers in business and marketing. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends. Intermediate Business and Marketing is as an intermediate-level Career and Technical course for programs of study in Business Administration and Management.

**Length:** One semester  
**UC Approved:** Yes

Career & Technical  
Education

**Prerequisite:** Introduction to Business and Marketing

## Introduction to Business and Technology

Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students will also learn the essentials of working in a business environment, managing a business, and owning a business. Introduction to Business and Technology is a full-year introductory Career and Technical Education course applicable to programs of study in the Business, Management and Administration and Information Technology career

**Length:** Two semesters  
**UC Approved:** Yes

## Introduction to Health Science

Introduction to Health Science provides the foundational knowledge and skills students need for careers in health care. Students begin by exploring the services, structure, and professions of the health care system. The remainder of the course focuses on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, creating medical records, and practicing good communication, collaboration, and leadership. Students evaluate the qualifications required for specific careers and develop personal career plans to pursue work in the health care industry. Introduction to Health Science is an introductory-level Career and Technical Education course for programs of study in health sciences.

**Length:** One semester  
**UC Approved:** Yes

## Intermediate Health Science

Intermediate Health Science extends the foundations of the Introduction to Health Science course and covers basic medical science, terminology, procedures, and regulations. This course will help guide students toward choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine. Intermediate Health Science is an intermediate-level Career and Technical Education course for programs of study in health sciences.

**Length:** One semester  
**UC Approved:** N/A

**Prerequisite:** Introduction to Health Science

## Investigating Careers

Investigating Careers gives students an overview of many career options and the education, training, and skills required for each. Career Paths include: Agriculture and Natural Resources, Architecture and Construction, Arts and Communication, Business and Administration, Education and Training, Finance and Insurance, Government and Public Administration, Health Science, Hospitality, Tourism, and Recreation, Human Service, Information Technology, Law and Public Safety, Manufacturing, Retail and Wholesale Sales and Service, Scientific Research, Engineering, and Mathematics, and Transportation, Distribution, and Logistics.

**Length:** Two semesters  
**UC Approved:** N/A

## Legal Environment of Business

Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law. Students also explore the impact of laws, regulations, and judicial decisions on society at large. Legal Environment of Business is a full-year intermediate or capstone Career and Technical Education course applicable to programs of study in the Business, Management and Administration career cluster. Students who successfully complete the course will be prepared to pursue certifications such as Accredited Legal Professional, Certified Administrative Manager, or Certified Associate in Project Management®.

**Length:** Two semesters  
**UC Approved:** Yes

## Mastering Microsoft Excel

The Mastering Microsoft® Excel® course focuses on providing students with a solid foundation on the many features and applications of the Microsoft Excel spreadsheet program. Excel, being a vastly versatile and widely used tool in the modern workforce, is a skill integral to success for students planning for any business-related career. This course explores topics from basics of creating workbooks to advanced functions using macros, as well as how to work with other Microsoft Office programs. "Microsoft" and "Excel" are registered trademarks of Microsoft Corporation.

**Length:** Two semesters  
**UC Approved:** Yes

## Medical Terminology

Medical Terminology provides general study skills and a firm foundation for students preparing for postsecondary education to pursue a career in the medical field. Specifically, students explore the structures, functions, and terms related to disease and the bodily systems, including the skeletal, muscular, cardiovascular, lymphatic, respiratory, digestive, nervous, integumentary, endocrine, and reproductive systems. Students learn about specific health care professions and the unique role each plays. Through the study of this material students learn effective deciphering skills enabling them to decode medical terminology they have seen and terminology to which they are yet to be exposed.

**Length:** Two semesters  
**UC Approved:** Yes

## Plumbing Technology I

This CTE Plumbing course, filmed in 3-D, provides students with a basic foundation of knowledge and skill required for a career in the plumbing technology field. It is also useful for students desiring a career in general construction. It is the first in a two-part course of study preparing students for Plumbing Technology certification.

**Length:** Two semesters  
**UC Approved:** Yes

## Plumbing Technology II

This CTE Plumbing course, filmed in 3-D, builds on the principles and skills of Plumbing Technology I to provide students with the additional knowledge and preparation they need both practically for their career as well as for the HVAC-R certification exam.

**Length:** Two semesters  
**UC Approved:** Yes

**Prerequisite:** Plumbing Technology I

### Principles of Business, Marketing, and Finance

Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the market place, as well as understanding product placement and promotion. Principles of Business, Marketing, and Finance is a full-year Career and Technical course for programs of study in Business Administration and Management.

**Length:** Two semesters  
**UC Approved:** Yes

### Principles of Health Science

Principles of Health Science provides knowledge and skills students need for careers in health care. Students explore the services, structure, and professions of the health care system and get guidance on choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine. Principles of Health Science is a full-year Career and Technical Education course for programs of study in health sciences.

**Length:** Two semesters  
**UC Approved:** Yes

### Principles of Information Technology

Principles of Information Technology prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. Principles of Information Technology is a full-year introductory Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access, as well as IC3 certification.

**Length:** Two semesters  
**UC Approved:** Yes

Career & Technical  
Education

# HIGH SCHOOL COURSES LIST

MyOnlineAcademy

## English

- English 9
- English 10
- English 11
- English 12
- English Foundations I
- English Foundations II
- Creative Writing
- Media Literacy
- Reading Skills and Strategies
- Writing Skills and Strategies

## Advanced Placement

- AP Art History
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Computer Science A
- AP English Language and Composition
- AP English Literature and Composition
- AP Environmental Science
- AP European History
- AP French Language and Culture
- AP Human Geography
- AP Macroeconomics
- AP Microeconomics
- AP Music Theory
- AP Physics 1
- AP Psychology
- AP Spanish Language & Culture
- AP Statistics
- AP Studio Art Drawing
- AP U.S. Government and Politics
- AP U.S. History
- AP World History

## Mathematics

- Pre-Algebra
- Algebra I
- California Algebra I-A
- California Algebra I-B
- Advanced Algebra I
- Geometry
- Algebra II
- Trigonometry
- Precalculus
- Calculus
- Integrated Math I
- Integrated Math II
- Integrated Math III
- Financial Literacy
- Mathematics of Personal Finance
- Probability & Statistics
- Math Foundations I
- Math Foundations II

## World Language

- Chinese I
- Chinese II
- Chinese III
- French I
- French II
- French III
- French IV
- German I
- German II
- German III
- German IV
- Japanese I
- Japanese II
- Latin I
- Latin II
- Latin III
- Spanish I
- Spanish II
- Spanish III
- Spanish IV
- Spanish for Spanish Speakers I

## Science

- Anatomy and Physiology
- Biology
- California Chemistry
- Earth Science
- Environmental Science
- Forensic Science
- Marine Science
- Physical Science
- Physics
- Psychology
- Science Foundation

## Career & Technical Education

- Business Applications
- Business Management
- College & Career Readiness
- Computer Applications
- Digital Information Technology
- Human Resources Principles
- Electrical Technology I
- Electrical Technology II
- HVAC & Refrigeration I
- HVAC & Refrigeration II
- Information Management I
- Information Management II
- Information Technology Applications
- Introduction to Accounting
- Introduction to Business and Marketing
- Intermediate Business and Marketing
- Introduction to Business and Technology
- Introduction to Health Science
- Intermediate Health Science
- Investigating Careers
- Legal Environment of Business
- Mastering Microsoft Excel
- Medical Terminology
- Plumbing Technology I
- Plumbing Technology II
- Principles of Business, Marketing, and Finance
- Principles of Health Science
- Principles of Information Technology

## Social Studies

- Economics
- Epic Moments in World History
- Geography and World Cultures
- Modern History from 1450
- Modern History from 1600
- Multicultural Studies
- Personal Finance
- Psychology
- Sociology
- U.S. & Global Economics
- U.S. Government & Politics
- U.S. History
- U.S. History to the Civil War
- U.S. History since the Civil War
- World History
- World History to the Renaissance
- World History since the Renaissance

## Elective

- Art Appreciation
- Art History and Criticism 1
- College & Career Preparation I
- College & Career Preparation II
- Creative Photography 1
- Creative Writing
- Critical Thinking & Study Skills
- Fitness Lifestyle Design
- Financial Literacy
- Forensic Science
- Guitar I
- Health
- Health Opportunities through Physical Education (HOPE)
- Journalism I
- Law Studies
- Leadership Skills Development I
- Leadership Skills Development II
- Life Management Skills
- Math of Personal Finance
- Media Literacy
- Medical Terminology
- Multicultural Studies
- Music Appreciation
- Music of the World
- Parenting Skills
- Personal and Family Finance
- Personal Fitness
- Physical Education
- Probability and Statistics
- Psychology
- Reading Skills and Strategies
- Social Media I
- Theatre, Cinema, and Film Production
- Writing Skills and Strategies



My Online Academy



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