



PROGRAM OF STUDY

Upper School

Our Mission

Engaging global learners in an education that values them as individuals, integrates their passions and pursuits into academic and career pathways, and fosters inquiry, growth, mastery, purpose, and independence.

Table of Contents

UPPER SCHOOL

[English](#)

[Social Studies](#)

[Mathematics](#)

[Science](#)

[World Languages](#)

[Fine Arts](#)

[Health & Physical Education](#)

[Electives](#)

English

ENGLISH 1

English 1 is an integrated curriculum. Each unit contains thematically related lessons in five domains: reading and the study of literature, reading informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Topics are presented in ways that help young adolescents relate literacy skills to other aspects of their lives. Writing assignments include narrative, expository, and persuasive/argumentative modes and emphasize the use of details and reasoning to support ideas. Speaking and listening lessons in Semester A emphasize collaborative discussion skills and peer review. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit. Literature study in Semester B focuses on the analysis of different forms of literature and on comparative studies of world literature and literature delivered in different media. Writing and informational text lessons guide students through the stages of research and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations.

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HONORS ENGLISH 1

Honors English 1 is an integrated curriculum. Each unit contains thematically related lessons in five domains: reading and the study of literature, reading informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Topics are presented in ways that help young adolescents relate literacy skills to other aspects of their lives. Writing assignments include narrative, expository, and persuasive/argumentative modes and emphasize the use of details and reasoning to support ideas. Speaking and listening lessons in Semester A emphasize collaborative discussion skills and peer review. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit. Literature study in Semester B focuses on the analysis of different forms of literature and on comparative studies of world literature and literature delivered in different media. Writing and informational text lessons guide students through the stages of research and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations.

Honors students are expected to complete additional assignments throughout the course that build on the content provided. These assignments, like writing a children's book and an essay that analyzes the literature of a culture, make these students go above and beyond the curriculum content in creativity and application.

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ENGLISH 2

In English 2, students learn how to express their thoughts and feelings in writing. Emphasis is placed on the specific traits of the 6-Traits of Writing: Ideas, Organization, Voice, Word Choice, Sentence Fluency, and Conventions. Students also review the 5-step writing process as they practice the skills of prewriting, drafting, revising, editing, and publishing. Each unit also includes instruction in the Greek roots of common English words. In Semester A, students are guided through the 5-step writing process for each of the major types of writing: expository, persuasive, expressive, research, and functional. The writing projects center on each of the five major types. Students will receive comprehensive instruction on the various structures and styles of writing. Students are expected to produce original high quality examples of each of the major types of writing. Writing samples are graded against the 6-Traits of Writing. In Semester B, students broaden their reading experience with exposure to literature from around the world. Students are given vast exposure to a variety of reading samples, and are encouraged to connect and relate to the various authors and cultures within the contexts of the passages and works. Reading strategies, the literary elements, and new vocabulary and Latin roots are introduced. In addition, students are guided through an active reading process in preparation to prepare them for high-stakes testing which will assess their abilities to make inferences, comprehend, and analyze a variety of reading materials. Students are expected to respond to assigned reading materials in a variety of activities and manners. Students will be graded on their abilities to review, summarize, analyze, connect, and respond to reading materials. Additionally, students will practice important reading strategies such as determining the meaning of unfamiliar words. They will produce an independent vocabulary assignment as evidence of their familiarity with these strategies. Students are also expected to create original materials in an effort to grasp the complexity of the genres.

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HONORS ENGLISH 2

In Honors English 2, students learn how to express their thoughts and feelings in writing. Emphasis is placed on the specific traits of the 6-Traits of Writing: Ideas, Organization, Voice, Word Choice, Sentence Fluency, and Conventions. Students also review the 5-step writing process as they practice the skills of prewriting, drafting, revising, editing, and publishing. Each unit also includes instruction in the Greek roots of common English words. In Semester A, students are guided through the 5-step writing process for each of the major types of writing: expository, persuasive, expressive, research, and functional. The writing projects center on each of the five major types. Students will receive comprehensive instruction on the various structures and styles of writing. Students are expected to produce original high quality examples of each of the major types of writing. Writing samples are graded against the 6-Traits of Writing. In Semester B, students broaden their reading experience with exposure to literature from around the world. Students are given vast exposure to a variety of reading samples, and are encouraged to connect and relate to the various authors and cultures within the contexts of the passages and works. Reading strategies, the literary elements, and new vocabulary and Latin roots are introduced. In addition, students are guided through an active reading process in preparation to prepare them for high-stakes testing which will assess their abilities to make inferences, comprehend, and analyze a variety of reading materials. Students are expected to respond to assigned reading materials in a variety of activities and manners. Students will be graded on their abilities to review, summarize, analyze, connect, and respond to reading materials. Additionally, students will practice important reading strategies such as determining the meaning of unfamiliar words. They will produce an independent vocabulary assignment as evidence of their familiarity with these strategies. Students are also expected to create original materials in an effort to grasp the complexity of the genres.

Honors students are expected to complete additional assignments throughout the course that build on the content provided. These assignments, like analyzing how a producer puts a movie together to develop a theme and writing lyrical poetry using literary devices, makes these students go above and beyond the curriculum content in creativity and application.

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ENGLISH 3

In English 3, students will acquire the language, reading, writing, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they dive deeply into the texts presented throughout this course. Students will learn how to effectively research and integrate their findings, as well as cite their sources.

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HONORS ENGLISH 3

In Honors English 3, students will acquire the language, reading, writing, and speaking/listening skills necessary for success in college, career, and beyond. Students will become critical readers and thinkers as they dive deeply into the texts presented throughout this course. Students will learn how to effectively research and integrate their findings, as well as cite their sources. Honors students read additional literary works and complete additional assignments requiring more advanced analysis and critical thought. Honors students are expected to work at a more independently inquisitive level and commit to learning at a higher and more rigorous level, creating work reflective of this rigor.

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ENGLISH 4

Why do people do what they do? English 4 will give you a front row seat to study the motives that have driven people's actions for centuries. Along the way you will encounter epic heroes defying danger, tormented minds succumbing to the power of greed and ambition, enlightened thinkers striving for individual rights and freedoms, sensitive souls attempting to capture human emotion, and determined debaters taking a stand on critical issues. You will read to analyze the way language is used to express human motivation and research to examine the results of actions in the real world. The lessons in each module will give you the tools you need to gain insights from what you read and to use your knowledge in creative and analytical writing.

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SHAKESPEAREAN LITERATURE—SEMESTER

Moving between the world in which Shakespeare lived and the present day, this course will introduce different kinds of literary analysis that you can use when reading Shakespeare. This journey through Shakespeare's life will transport you to another era and will give you a new perspective on his timeless works. You will understand the plots and themes presented in the readings, as well as their implications for both Shakespeare's time and the present day. As you review topics such as Shakespeare's contemporaries and the politics of modern performance, you will learn a range of critical tools that you can use to unlock the meaning and relevance of Shakespeare's plays. Centuries later, William Shakespeare remains the central author of the English-speaking world; he is the most quoted poet and the most regularly produced playwright – and now among the most popular screenwriters as well. Why is that, and who "is" he? Why do so many people think his writing is so great? What meanings did his plays have in his own time, and how do we read, speak, or listen to his words now? We'll consider these questions as we carefully examine some of Shakespeare's plays from different perspectives. You will also write a literary analysis paper and a research paper regarding Shakespeare and/or his works. Later, you will create a portfolio to showcase the concepts that you've learned throughout the course.

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This course provides an excellent opportunity for students to engage in deeper critical thinking than most literature courses because students examine and practice sophisticated methods of understanding literature. Students who successfully complete this course will build skills that not only transfer successfully to any university, but they will also have the tools to succeed at any university Literature course.

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DRAMA LITERATURE—SEMESTER

In this course, we will study plays written by masters of drama in several historical periods, starting with the 6th century BC and continuing through to contemporary society. Drama is a literary art, and we will read, discuss, analyze, and write about the texts to become familiar with dramatic conventions and elements such as plot, character, theme, dialogue, conflict, setting, scene, rhetorical and linguistic devices, and dramatic forms such as tragedy and comedy. In doing so students will discover how playwrights hold a mirror up to society. We will also pay attention to the cultural contexts of these plays, cultivating an understanding of the history behind them. Students will read a diverse variety of plays and supplemental texts, research playwrights and historical context, perform oral presentations, and write both creative and critical papers and responses which require higher level thinking skills, such as compare/contrast, evaluation, and argumentative to demonstrate proficiency. This course allows for greater understanding of the stages of writing which include pre-writing, drafting, and revision. Students will read deeply and understand underlying philosophies in the literature as they learn to write a literary analysis paper. Finally, because drama is performative, we will also read scenes and compare them to performances in order to analyze the techniques. The goal of the course will be to deepen the students' enjoyment of drama by giving them the tools to look deeper into the craft and art of dramatic literature that has been influenced by so many different cultures.

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AP[®] English

The level of rigor in these AP[®] English courses is equivalent to that required of students in a freshman or sophomore college course in this area of study. These courses have been audited and approved by the College Board and prepare students for the College Board Advanced Placement[®] examination. AP[®] is a trademark registered by the College Board.

Laurel Springs does not administer AP[®] exams, nor do we assist students in finding a testing location. Students wishing to take an AP exam are responsible for finding their own physical testing location and having a test ordered for them by following the process for independent students.

AP[®] ENGLISH LANGUAGE & COMPOSITION

AP[®] English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The college composition course for which the AP English Language and Composition course substitutes is one of the most varied in the curriculum.

Prerequisite: Junior or senior standing; A or B in English

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AP[®] ENGLISH LITERATURE & COMPOSITION

This course provides high school students with college-level instruction in active, close reading, and analysis of imaginative literature. Through the close reading of works of literary merit, students learn to consider how a work's style, figurative language, theme, and other literary elements contribute to its meaning and cultural significance. This approach to analyzing prose and poetry allows students to establish connections, make observations about textual details, and sharpen their understanding of these nuances through their own writing. This course will effectively prepare students for the AP Exam and to learn beyond the exam by enabling them to read, analyze, and write about complex texts.

Prerequisite: Junior or senior standing; A or B in English

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Social Studies

WORLD CULTURES

In World Cultures, students will learn the six essentials of geography: spatial terms, places and regions, physical systems, human systems, environment and society, and uses of geography. After a broad survey of Earth's structure, hydrosphere and climates, the focus of each Unit narrows to a particular region of the world. By examining the physical geography of each region, including water resources, climate, vegetation, and natural resources, students will understand the influence of geography on economic activities, human culture, and history. In addition, students will investigate the impact of human activity on the environment, including pollution and development, and consider the implications. Students will complete one research project (with multiple parts) each semester.

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WORLD HISTORY

World History is a survey of the development of civilizations from prehistoric times to the present. The journey begins with ancient civilizations including Mesopotamia, Egypt, and China, and the foundations of western civilization: ancient Greece and Rome. Students will analyze developments in Africa, Asia, and Europe during the Middle Ages, including the Crusades. Students will understand how the Renaissance and Reformation provided a springboard for the Age of Reason and the Scientific Revolution. An inquiry into events such as the American War of Independence and French Revolution will prepare students to consider the great advances and social upheaval sparked by the Industrial Revolution. Students will probe the causes, events, and consequences of the two world wars and the rise and fall of Communism. The course concludes with a look at developments shaping current events. Students will complete several essays and one research paper per semester.

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HONORS WORLD HISTORY

In Honors World History, students will study individual stories from specific societies to demonstrate how worlds that were separated by time and space converged, eventually resulting in today's globalized world. Worlds apart, in other words, became worlds together. Societies with their own internal momentums were deeply influenced by other societies, states, and economies with which they interacted. This course will help students to impose order on the ways in which social, political, economic, environmental, cultural, and technological developments caused worlds apart to become worlds together, from c. 9000 BCE to the present.

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AMERICAN HISTORY

American History covers the discovery, development, and growth of the United States. Major topics include American Indian cultures, European colonization of the Americas, and the causes and effects of the American Revolution. Geographical, economic, and political factors are explored as the key factors in the growth of the United States of America. Part A is a survey of the struggle to build the United States of America from the colonial period to the beginning of the twentieth century. By means of reading, analyzing, and applying historical data, students come to appreciate the forces that shaped our history and character as an American people. Not only are the topics of American history discussed, but students also explore research methods and determine accurate sources of data from the past. Knowing the facts and dates of history are just the beginning; each student must understand how history affects him or her. Part B begins with a study of American life before the 1929 Stock Market crash and how the Roaring Twenties influenced society in the late 19th through early 20th centuries. Students will examine the causes and consequences of the Great Depression and move on into a detailed study of World War II with an emphasis on America's role in the conflict. The course continues with an analysis of the Cold War struggle and America's rise as a superpower. The Civil Rights and Women's rights movements, pollution and the environment, and American domestic and foreign policy will be examined. The course wraps up with a summary of current events and issues, including a study of the Middle East. Part B begins with an assessment of life in the United States pre-World War I and ends with the conflicts of the new millennium. Students look at the nation in terms of economic, social, and political trends. The experiences of the last century are summarized, including a look into the civil rights issues that have embroiled the nation in conflict. The development of the United States of America into a superpower is explored within a global context.

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HONORS AMERICAN HISTORY

Honors American History is the study of the events, people, and culture of the United States over time. In Part A, you will learn about the history of the “New World” and review the events and principles behind the founding of the United States. Once founded, you will look at the initial growth and expansion of the United States up through the Civil War (The War of the Union) and the United States' reconstruction after the war. In Part B, you will learn about the railroads and industry after the war (focusing on the south and the west). That brings us to the twentieth century and all the exciting events that occurred including both World Wars, the Great Depression, the Cold War, and the Korean War. Civil rights movements are also explored.

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AMERICAN GOVERNMENT—SEMESTER

U.S. Government commences its examination of American democracy with a general overview of the purpose, types, origin, and formation of governments. Students will explore how colonial self-rule, English law, and weaknesses in the Articles of Confederation influenced the formation of the U.S. Constitution. Students will investigate the principles of the Constitution and the federal system. The purpose, powers, and relationships among the American institutions of self-government—Congress, Presidency, and the Judiciary—will be examined as well as federal, state, and local governments. Students will become aware of their civic responsibility to vote and participate in the governmental process as they gain understanding of the functions and organization of political parties, the evolution of the two-party system, and the influence of public opinion and political ideology on government decisions.

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HONORS AMERICAN GOVERNMENT—SEMESTER

Honors U.S. Government commences its examination of the grand American experiment in democracy with a general overview of the purpose, types, origin, and formation of governments. Students will explore how colonial self-rule, English law, and weaknesses in the Articles of Confederation influenced the formation of the U.S. Constitution. Students will investigate the principles of the Constitution and the federal system. The purpose, powers, and relationships among the American institutions of self-government—Congress, Presidency, and the Judiciary—will be examined as well as federal, state, and local governments. Students will become aware of their civic responsibility to vote and participate in the governmental process as they gain understanding of the functions and organization of political parties, the evolution of the two-party system, and the influence of public opinion and political ideology on government decisions. Students will complete several essays and contribute to a wiki during this course. Honors Projects are incorporated into every unit in the course.

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ECONOMICS—SEMESTER

The Economics course begins with a survey of the basic principles concerning production, consumption, and distribution of goods and services within the free enterprise system. Students will examine the rights and responsibilities of consumers and businesses, analyze the interaction of supply, demand, and price, and study the role of financial institutions. Types of business ownership, market structures, and basic concepts of consumer economics will be surveyed. The impact of a variety of factors including geography, government intervention, economic philosophies, historic documents, societal values, scientific discoveries, and technological innovations on the national economy, and economic policy will be an integral part of the course. Students will apply critical-thinking skills to create economic models and to evaluate economic activity patterns. Students will also examine the knowledge and skills necessary as self-supporting adults to make critical decisions relating to personal financial matters such as seeking college financial aid, using credit wisely, and balancing financial accounts. Students will complete a research project as part of their course.

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HONORS ECONOMICS—SEMESTER

The main goal of this course is to provide students with the tools needed to be able to make assessments about the economy. Topics include both macroeconomics and microeconomics. Students will be able to assess the news reports and make an individual analysis based on data and reports. It also covers topics on a larger scale such as market structures and international trade.

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AFRICAN AMERICAN HISTORY—SEMESTER

How have African Americans shaped the culture of the United States throughout history? Tracing the accomplishments and obstacles of African Americans from the slave trade through emancipation, and to the modern African diaspora, you will learn about the political, economic, social, religious, and cultural factors that have influenced African American life. In African American History, you'll come face to face with individuals who changed the course of history and learn more about slavery, racism, and the Civil Rights Movement. You will also explore how the history of African Americans influences current events today.

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HISTORY OF THE HOLOCAUST—SEMESTER

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

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PHILOSOPHY & ETHICS—SEMESTER

Philosophy and Ethics provides students an introduction to the field of philosophy and ethics and its great, timeless questions. This course will help students (1) see why ethics matters to society and to themselves, (2) understand core concepts (theories, principles, values, virtues, and the like), (3) be familiar with the background (scientific, legal, and otherwise) of contemporary moral problems, and (4) know how to apply critical reasoning to those problems—to assess moral judgements and principles, construct and evaluate moral arguments, and apply and critique moral theories.

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HONORS PHILOSOPHY & ETHICS—SEMESTER

This Social Studies course provides students an introduction to the field of philosophy and ethics and its great, timeless questions. This course will help students (1) see why ethics matters to society and to themselves, (2) understand core concepts (theories, principles, values, virtues, and the like), (3) be familiar with the background (scientific, legal, and otherwise) of contemporary moral problems, and (4) know how to apply critical reasoning to those problems—to assess moral judgments and principles, construct and evaluate moral arguments, and apply and critique moral theories.

Honors · UC Honors Approved Elective · NCAA Additional Core Approved

PSYCHOLOGY

Psychology is everywhere, affecting every second of life. Learning about psychology can positively affect life in three main ways. First, while studying psychology, the course will provide a solid foundation for success in later psychology courses. Second, this course can influence your personal life. The concepts discussed here will help you know yourself better; understand your family members, friends, and people you encounter; and improve your relationships. Third, taking this course will help you develop academic skills. Many topics in psychology directly translate into skills that you can use to improve your studying. Students will learn how psychologists develop and validate theories and will examine how hereditary, social, and cultural factors help form an individual's behavior and attitudes. Students will also evaluate the effectiveness of different types of psychological counseling and therapy. Highly interactive content includes online discussions that help develop critical thinking skills.

Prerequisite: Successful completion of Biology

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SOCIOLOGY—SEMESTER

The Sociology course takes a fresh and accessible theoretical approach appropriate to our contemporary world. While the course emphasizes the interactionist perspective, students learn a range of theoretical thought, including postmodernism. Students will put into practice what they are learning through innovative methodological exercises in each chapter. Material is presented that is familiar and relevant to the students in a way that allows them to make profound analytic connections between their individual lives and the structure of their society.

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AP[®] EUROPEAN HISTORY

In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations.

This course is taught at the college level. Major differences between a regular high school history course and a college-level history course is the greater amount of reading and the depth of focus that is found in the college-level course. Moreover, the AP[®] curriculum demands higher-order thinking skills within a rigorous academic context. Thus, students are frequently required to analyze, synthesize, and evaluate primary and secondary historical sources, in addition to comprehending, memorizing, and applying facts.

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AP[®] U.S. HISTORY

AP[®] United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance—American and national identity; politics and power; work, exchange, and technology; culture and society; migration and settlement; geography and the environment; America in the World—provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

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AP[®] U.S. GOVERNMENT & POLITICS—SEMESTER

Students investigate key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study the structure of the Constitution throughout the course, as well as its implications for the functioning of government today. Other foundational documents, landmark Supreme Court cases, and opportunities for research and civic action are key elements in this rich course that prepares students to be informed and active participants in U.S. society.

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AP[®] MICROECONOMICS—SEMESTER

In this course, students explore the power of marginal thinking and apply it to common decisions that individuals and business firms encounter each day. Students examine, interpret, analyze, and model key microeconomics concepts and processes, from the shifting supply and demand for familiar products to the model of the labor market and how wages are determined. This rich course provides students with all the material and practice needed for success on the AP Exam. Yet, this is just the beginning—in the long run, taking AP[®] Microeconomics will develop the critical thinking and analytical skills that empower students for a lifetime.

Prerequisite: Successful completion of Algebra 1

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AP[®] MACROECONOMICS—SEMESTER

In this course, students establish the fundamentals of economics with a survey of scarcity, opportunity cost, supply, demand, and market equilibrium. They then zoom out to the largest scale of economic analysis, learning the indicators of whole countries' economic health, specifically gross domestic product, unemployment, and price level. With that foundation, the rest of the course looks at fiscal and monetary policies, their consequences, and the basics of international trade and the foreign exchange market. Besides being intentionally prepared for the AP[®] Exam, students will gain a much deeper understanding of the world around them, the roles that government and banks play in an economy, and the economic outcomes generated by their policy decisions.

Prerequisite: Successful completion of Algebra 1

Advanced Placement • UC Honors Approved Elective • NCAA Approved Social Science

AP[®] HUMAN GEOGRAPHY

AP[®] Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction. Students also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

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AP[®] PSYCHOLOGY

Immerse yourself in the scientific study of human behavior and cognition. Learn about notable figures and psychological studies. Investigate scientific methods and ethical considerations related to human and animal research. In this college-level course, you will learn about and apply important terms, concepts, and phenomena associated with each major area of psychology and enhance your critical thinking skills. Topics include the biological bases of psychology, sensation and perception, learning, cognition, development, motivation, emotion, personality, psychological disorders, and social psychology.

Prerequisite: Successful completion of Biology

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AP[®] WORLD HISTORY: MODERN

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

This course is taught at the college level. Major differences between a regular high school history course and a college-level history course is the greater amount of reading and the depth of focus that is found in the college-level course. Moreover, the AP curriculum demands higher-order thinking skills within a rigorous academic context. Thus, students are frequently required to analyze, synthesize, and evaluate primary and secondary historical sources, in addition to comprehending, memorizing, and applying facts.

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Mathematics

ALGEBRA 1

Algebra 1 is the foundation of upper school math. The skills acquired in this course contain the basic knowledge needed for all future math courses. The content in this course is tied to real-world applications like sports, travel, business, and health. This course is designed to give students the basic skills and problem-solving strategies to work through many types of mathematical problems using critical thinking skills. Topics include: basic operations, modeling, algebraic properties, functions, expressions, equations and inequalities, polynomials, factoring, exponents, radicals, linear, exponential and quadratic functions, systems, intro to statistics, and word problems. Students are assessed throughout each module to demonstrate their mastery of the course content.

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HONORS ALGEBRA 1

Algebra 1 is the foundation of upper school math. The skills acquired in this course contain the basic knowledge needed for all future math courses. The content in this course is tied to real-world applications like sports, travel, business, and health. This course is designed to give students the basic skills and problem-solving strategies to work through many types of mathematical problems using critical thinking skills. Topics include: basic operations, modeling, algebraic properties, functions, expressions, equations and inequalities, polynomials, factoring, exponents, radicals, linear, exponential and quadratic functions, systems, intro to statistics, and word problems. Students are assessed throughout each module to demonstrate their mastery of the course content. Honors Algebra 1 adds additional rigorous content and activities to apply the skills introduced in the Algebra 1 curriculum.

Prerequisite: Successful completion of Pre-Algebra with an A or B

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GEOMETRY

One day in 2580 B.C.E., a very serious architect stood in a dusty desert with a set of plans. His plans called for creating a structure 480 feet tall, with a square base and triangular sides, using stone blocks weighing two tons each. The Pharaoh wanted the job done right. The better this architect understood geometry, the better his chances were of staying alive. Geometry is everywhere, not just in pyramids. Engineers use geometry to build highways and bridges. Artists use geometry to create perspective in their paintings, and mapmakers help travelers find things using the points located on a geometric grid. Throughout this course, students travel a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem-solving.

Prerequisite: Successful completion of Algebra 1

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Prerequisite: Successful completion of Algebra 1 or Honors Algebra 1 with an A or B

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ALGEBRA 2

Algebra 2 allows students to learn while having fun. Interactive examples help guide students' journey through customized feedback and praise. Mathematical concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Students investigate the effects of an equation on its graph through the use of technology. Students have opportunities to work with their peers on specific lessons. Algebra 2 is an advanced course using hands-on activities, applications, group interactions, and the latest technology.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 1

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HONORS ALGEBRA 2

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Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 1

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PRE-CALCULUS

Pre-Calculus is the culmination of a students' high school mathematics journey, as they learn the fundamentals of advanced functions, trigonometry, logarithms, and more. This course thoroughly prepares students for the oncoming rigor of Calculus in a manner that is compelling and rewarding and fosters an appreciation for the real-life applications of each topic explored, as well as for math itself. With auditory, visual, and hands-on components throughout, this is truly a course that suits all learning styles. The lessons are engaging, interactive, and student-friendly, with interactive videos that allow students to pause and rewind at any point and go at their own speed, as well as fun, interactive applets and dynamic graphs scattered throughout that enhance student understanding.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 2 and Geometry

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HONORS PRE-CALCULUS

Honors Pre-Calculus is the culmination of a students' high school mathematics journey, as they learn the fundamentals of advanced functions, trigonometry, logarithms and more. The course thoroughly prepares students for the oncoming rigor of Calculus, yet does so in a manner that is compelling and rewarding, and fosters an appreciation for the real-life applications of each topic explored, as well as for math itself. With auditory, visual, and hands-on components throughout, this is truly a course that suits all learning styles. The lessons are engaging, interactive and student-friendly, with interactive videos that allow students to pause and rewind at any point and go at their own speed, as well as fun, interactive applets and dynamic graphs scattered throughout that enhance student understanding. Students will complete honors assignments for each module which require in-depth analysis of course topics.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 2 and Geometry

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CALCULUS

This award-winning course is a robust, engaging, interactive, and student-friendly immersion into calculus. In this course, students begin a journey of calculus discovery and development that suits all learning styles with auditory, visual, and hands-on components throughout. Calculus provides students a foundation for progression into college-level Calculus. Within this course, students are led through the historical journey of the discovery and development of calculus. Each lesson involves interactive videos that allow students to go at their own speed, with the ability to pause and rewind at any point. With student-friendly note packages and practice questions with detailed solutions, students will never get stuck and can learn how to solve even the most challenging calculus problems. Students can also retake every quiz and test to encourage them to strive towards mastery.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Pre-Calculus

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TRIGONOMETRY—SEMESTER

This semester course focuses on the essential topics of trigonometry. The course provides a foundation of basic trig concepts including degrees/radians, unit circle, trig ratios, trig equations, graphing and trig applications.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 2 and Geometry

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PROBABILITY AND STATISTICS—SEMESTER

Introduction to Probability and Statistics combines step-by-step instructions, real-life examples and exercises, as well as technology to make statistics accessible for all. This course will show how statistics is used to picture and describe the world and will also help students learn how to apply statistics to make informed decisions. The goal of this course is not to produce statisticians but to produce informed consumers of statistical reports. For this reason, students will complete exercises that require them to interpret results, provide written explanations, find patterns, and make decisions.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 2

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DISCRETE MATHEMATICS

Discrete Mathematics is a course that will provide a general survey of mathematical topics that are useful in our contemporary world. The e-text, *Thinking Mathematically*, allows students to apply mathematics to their lives in interesting, enjoyable and meaningful ways. The goal of this course is to provide a way for students to discover and rediscover mathematical applications of relevant math concepts to apply in their lives including Problem Solving, Logic, Voting and Apportionment, Graph Theory, and Personal Finance.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 2

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AP[®] Mathematics

The level of rigor in these AP[®] Math courses is equivalent to that required of students in a freshman or sophomore college course in this area of study. These courses have been audited and approved by the College Board and prepare students for the College Board Advanced Placement[®] examination. AP[®] is a trademark registered by the College Board.

Laurel Springs does not administer AP[®] exams, nor do we assist students in finding a testing location. Students wishing to take an AP exam are responsible for finding their own physical testing location and having a test ordered for them by following the process for independent students.

AP[®] CALCULUS AB

This award-winning AP[®] Calculus course is an immersion into calculus, giving students a taste of college with the comfort of high school. Within this course, students are led through the historical journey of the discovery and development of calculus. Each lesson involves interactive videos that allow students to go at their own speed, with the ability to pause and rewind at any point. With student-friendly note packages and practice questions with detailed solutions, students will never get stuck and can learn how to solve even the most challenging calculus problems. Students can also retake every quiz and test, which are randomized, to encourage them to strive towards mastery. This course is designed to cover the equivalent of one semester of college calculus. AP Calculus AB covers derivatives, definite integrals and the fundamental theorem of calculus. Note: AP Calculus AB only differs from AP Calculus BC in scope, not difficulty.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Pre-Calculus

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AP[®] CALCULUS BC

This award-winning AP[®] Calculus course is an immersion into calculus, giving students a taste of college with the comfort of high school. Within this course, students are led through the historical journey of the discovery and development of calculus. Each lesson involves interactive videos that allow students to go at their own speed, with the ability to pause and rewind at any point. With student-friendly note packages and practice questions with detailed solutions, students will never get stuck and can learn how to solve even the most challenging calculus problems. Students can also retake every quiz and test, which are randomized, to encourage them to strive towards mastery. AP Calculus BC covers the first two semesters of University Calculus (Calc 1 and Calc 2). It includes the topics covered in AP Calculus AB with the addition of parametric functions, polar functions, vector functions and analysis of series. Note: AP Calculus BC only differs from AP Calculus AB in scope, not difficulty.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Pre-Calculus

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AP[®] COMPUTER SCIENCE A

AP[®] Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. The AP Computer Science A course is a year-long course designed to help students master the basics of Java and equip them to successfully pass the College Board AP Computer Science A Exam at the end of the school year.

Prerequisite: Successful completion of Algebra 2

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AP[®] STATISTICS

The AP[®] Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. The purpose of this course is to provide students with a deep understanding of the concepts of statistics to prepare them for the AP Statistics Exam and for future higher education statistics courses.

Online or Handheld Graphing Utility Required

Prerequisite: Successful completion of Algebra 2

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Science

Lab activities are incorporated into all science courses.

EARTH SCIENCE

Be captivated by the wonders and beauty of the third planet from our Sun, Earth. Be amazed by what awaits your discovery within our solar system and beyond. Explore the universe. Earth Science is a laboratory course focusing on the study of space, geologic structures and forces, the waters on our planet, and atmospheric conditions. Through experimentation and investigation, students explore the earth systems including the geosphere, hydrosphere, cryosphere, atmosphere, and the carbon cycle. This course offers interactive experiences, higher-order thinking, collaborative projects, and real-world application along with a variety of assessments. Upon completion of the course, students have a clear understanding of the dynamic forces at work in the world around them, becoming better caretakers of our planet, Earth.

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HONORS EARTH SCIENCE

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Honors · UC Approved Science · NCAA Approved Science

PHYSICAL SCIENCE

This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding and reactions. This course is designed to serve as a foundation for the study of the physical sciences. Students use scientific inquiry and higher-order problem solving as they explore these topics through interactive simulations, and both virtual and hands-on experiences. In addition, technology, engineering, and mathematics (STEM) concepts are integrated throughout the course. Real-world assessments aid the student in ultimately demonstrating an understanding of the importance of the physical and chemical properties of the world around them.

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Honors · UC Approved Science · NCAA Approved Science

BIOLOGY

This course guides students through the study of living and non-living systems and how they interact with one another. Students explore the world they live in by posing questions and seeking answers through scientific inquiry. Discovery takes place through observation and data collection. The students will be introduced to the structure, function, diversity, and evolution of living matter. This is a course with real relevance. It encourages curiosity and provides opportunities for students to work on hands-on lab activities. Engaging in the study of biological science broadens the picture of the world around us.

Prerequisite: Successful completion of an 8th grade science course

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HONORS BIOLOGY

This Honors level course is a research and writing-intensive version of Biology. This course guides students through the study of living and non-living systems and how they interact with one another. Students explore the world they live in by posing questions and seeking answers through scientific inquiry. Discovery takes place through observation and data collection. The students will be introduced to the structure, function, diversity, and evolution of living matter. This is a course with real relevance. It encourages curiosity and provides an opportunity for students to work on hands-on lab activities. Engaging in the study of biological science broadens the picture of the world around us. Students will develop deep understandings of concepts and explore concepts with an eye for research.

Prerequisite: Successful completion of an 8th grade science course with an A or B

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CHEMISTRY

The high school chemistry course is a two-segment study of the foundations of chemistry, building on the concepts and scientific thinking laid in middle school science. Students use scientific inquiry and higher-order problem solving as they explore the composition, properties, and changes of matter and their applications through interactive simulations, engineering solutions, and virtual and hands-on experiences. Scientific inquiry, research, experimental procedures, data collection and analysis, and making inferences are an integral part of the learning experience. In addition, technology, engineering, and mathematics (STEM) concepts are integrated throughout the course. Through phenomenon-based learning, students will be able to demonstrate a vast understanding of the importance of chemistry in the world, enabling them to apply these principles to their everyday lives and our global society.

Prerequisite: Successful completion of Algebra 1

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HONORS CHEMISTRY

The honors high school chemistry course is a two-segment study of the foundations of chemistry, building on the concepts and scientific thinking laid in middle school science. Students use scientific inquiry and higher-order problem solving as they explore the composition, properties, and changes of matter and their applications through interactive simulations, engineering solutions, and virtual and hands-on experiences. Scientific inquiry, research, experimental procedures, data collection and analysis, and making inferences are an integral part of the learning experience. In addition, technology, engineering, and mathematics (STEM) concepts are integrated throughout the course. Through phenomenon-based learning, students will be able to demonstrate a vast understanding of the importance of chemistry in the world, enabling them to apply these principles to their everyday lives and our global society. Students develop deep understandings of concepts and explore concepts with an eye for research.

Prerequisite: Successful completion of Algebra 1

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PHYSICS

We stand on the shoulders of giants. Whether by observation, experimentation or brilliant insight, the progress of physics through the centuries has been advanced by scientific geniuses who wanted to know how things work. You'll find out for yourself when you take this course and visit "Physics World." In each module of Physics, students discover the contributions of scientific geniuses like Galileo, Newton, and Einstein. Through their work, students learn the concepts, theories, and laws that govern the interaction of matter, energy, and forces. From tiny atoms to galaxies with millions of stars, the universal laws of physics are explained through real-world examples. Using laboratory activities, simulations, images, and interactive elements, students follow in the footsteps of some of the world's greatest thinkers.

Prerequisite: Successful completion of Geometry

Co-requisite: Enrollment in Algebra 2

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HONORS PHYSICS

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Prerequisite: Successful completion of Geometry

Co-requisite: Enrollment in Algebra 2

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HUMAN ANATOMY AND PHYSIOLOGY

Explore the organization of the human body and how it works. Acquire the knowledge necessary to understand what the body is doing and how you 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: Successful completion of Biology

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HONORS HUMAN ANATOMY AND PHYSIOLOGY

Explore the organization of the human body and how it works. Acquire the knowledge necessary to understand what the body is doing and how you 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. Honors topics require an in-depth analysis of topics.

Prerequisite: Successful completion of Biology

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MARINE SCIENCE

Since the beginning of time, humans have relied on the ocean. But as our planet continues to change over time, human activity has impacted the environment. In the marine science course, students will explore the watery depths of our own planet and understand just how vital the ocean is to our existence. Throughout Marine Science, students will meet marine animals and see how they interact with each other and their environment. They will tour the evolving seafloor and see trenches, volcanoes, and ridges, just to name a few. Along the way, students will hang ten as they discover waves, currents, tides, and other physical interactions between the ocean and the land. Finally, students will study the impacts of chemical processes on our blue planet and how they affect the water, the atmosphere, and even our climate. With a focus on conservation, this course will show students that the ocean connects us all, across distance and even time. Hang on—it's going to be an amazing journey.

College Prep · UC Approved Science · NCAA Approved Science

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AP[®] Science

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Laurel Springs does not administer AP[®] exams, nor do we assist students in finding a testing location. Students wishing to take an AP exam are responsible for finding their own physical testing location and having a test ordered for them by following the process for independent students.

AP[®] BIOLOGY

AP[®] Biology is designed to provide a college-level experience and prepare students for the AP exam in early May. Students will be provided with a foundation for developing an understanding for biological concepts through scientific inquiry, investigations, interactive experiences, higher-order thinking, real-world applications, writing analytical essays, statistical analysis, interpreting and collecting data. The key big ideas of the AP Biology course are system interactions, evolution, energetics, information storage, and transmission. Students will participate in a variety of engaging activities that enhance their mastery of biology concepts.

Prerequisite: Successful completion of Biology, Chemistry, and Algebra 1

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AP[®] ENVIRONMENTAL SCIENCE

With the current changes in global climate, rising sea levels, and warming oceans, it is important for students to discover the state of Earth's systems and the consequences of human activities. AP[®] Environmental Science provides students with a global view of their world and their role in it. It examines the scientific principles and concepts required to understand the interrelationships between ocean, land, and atmosphere that guide the natural world and allow Earth to be a planet suitable for life. Laboratory activities within the course support their learning of these relationships through reflective, hands-on, or virtual experiences. In addition, students identify and analyze environmental problems that are natural and human-made, determining their own ecological footprint in the world to discover how their activities affect the world around them. They evaluate the relative risks associated with environmental problems and examine alternative solutions, such as clean energy, sustainable practices, and conservation, for resolving or preventing future environmental problems.

Prerequisite: Successful completion of Algebra 1 and 2 years of high-school science with labs

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World Languages

AMERICAN SIGN LANGUAGE (ASL) 1

Did you know that American Sign Language (ASL) is the third most commonly used language in North America? American Sign Language 1 Part A will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture—social beliefs, traditions, history, values, and communities influenced by deafness. Part B will introduce you to more of this language and its grammatical structures. You will expand your vocabulary by exploring interesting topics like Deaf education and Deaf arts and culture.

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AMERICAN SIGN LANGUAGE (ASL) 2

Explore the vocabulary you need for shopping, making purchases, and dealing with emergencies. Building upon the prior prerequisite course, you will progress your communication skills and foster your understanding of Deaf culture. You will learn about classifiers, glossing, and mouth morphemes, as well as how to give descriptions and directions. In Part B, students will increase their proficiency by learning about sequencing, transitions, role-shifts, and future tenses. Students will learn how to tell a story and ask questions, benefiting from greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristic of this course.

Prerequisite: Successful completion of ASL 1

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AMERICAN SIGN LANGUAGE (ASL) 3

As you dive into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives, you'll learn, compose, and present your new-found vocabulary and narratives by immersing yourself in Deaf culture and community. From opinions, slang, and idioms, to using technology and media that offers authentic deaf perspectives. Explore how travel, cultural differences, and geography affect sign language. And gain a better understanding of Deaf culture by learning important events and examining topics such as education, science, and literature. For Part B, are you ready to discover ways in which Deaf culture influences the world in general? After all, the concept of culture goes far beyond an understanding of Deaf history. Through discussing Deaf culture and experiences, you'll advance your signing skills by developing verb tenses, grammar, and syntax. Apply your language skills in real conversation activities and through opportunities to debate real issues. It's also time to explore the next steps in education and career opportunities for your new intermediate ASL skills.

Prerequisite: Successful completion of ASL 2

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SPANISH 1

Students begin their introduction to Spanish by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, 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, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

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SPANISH 2

Students continue their study of Spanish 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 start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, 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, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored. By semester two, the course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Successful completion of Upper School Spanish 1

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SPANISH 3

Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and informal spoken and written contexts. Students should expect to be actively engaged in their own language learning, 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, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, read and analyze important pieces of Hispanic literature, and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Successful completion of Upper School Spanish 2

College Prep · UC Approved Language · NCAA Approved Additional Core

FRENCH 1

French 1 is an introductory course in learning academic French. It is also the foundation course for French 2 and 3. In this course, students begin their introduction to French by building fundamental skills in the four key areas of world language study: listening comprehension, speaking, reading, and writing. The majority of study is focused on verb conjugation, grammar, basic vocabulary, and basic pronunciation. Cultural information about Francophone countries and communities and cross-cultural reflections are present throughout the course.

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FRENCH 2

Students further expand their knowledge of key vocabulary topics and grammar concepts. Students begin to comprehend listening and reading passages more fully, and start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, 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, products, and perspectives of various French-speaking countries, and take frequent assessments where their language progression can be monitored. By semester two, the course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

Prerequisite: Successful completion of Upper School French 1

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FRENCH 3

Students further deepen their understanding of French by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and informal spoken and written contexts. Students should expect to be actively engaged in their own language learning, 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, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, read and analyze important pieces of literature, and take frequent assessments where their language progression can be monitored. The course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Successful completion of Upper School French 2

College Prep · UC Approved Language · NCAA Approved Additional Core

GERMAN 1

Students begin their introduction to German by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, 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, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

College Prep · UC Approved Language · NCAA Approved Additional Core

GERMAN 2

Students continue their study of German 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 start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, 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, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in German. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Successful completion of Upper School German 1

College Prep · UC Approved Language · NCAA Approved Additional Core

LATIN 1

Since mastering a classical language presents different challenges from learning a spoken world language, students learn Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, provide students with a strong foundation for learning Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on engaging with authentic classical Latin through weekly encounters with ancient passages from such prestigious authors as Virgil, Ovid, and Lucretius. The curriculum concurs with the Cambridge school of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

College Prep · UC Approved Language · NCAA Approved Additional Core

LATIN 2

Students continue with their study of Latin through ancient, time-honored, classical language approaches which include repetition, parsing, written composition, and listening exercises. These techniques, combined with a modern multimedia approach to learning grammar, syntax, and vocabulary, prepare students for a deeper study of Latin. Each unit consists of a new vocabulary theme and grammar concept, reading comprehension activities, writing activities, multimedia culture, history, and mythology presentations, and interactive activities and practices which reinforce vocabulary and grammar. The emphasis is on reading Latin through engaging with myths from the ancient world which are presented in Latin. The curriculum concurs with the Cambridge School of Latin; therefore, students will learn ancient high classical styles of pronunciation and grammar in lieu of generally less sophisticated medieval styles, making it possible for students to comprehend the most Latin from the widest range of time periods. Students should expect to be actively engaged in their own language learning, understand and use common vocabulary terms and phrases, comprehend a wide range of grammar patterns, understand and analyze the cultural and historical contexts of the ancient sources they study, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Successful completion of Upper School Latin 1

College Prep · UC Approved Language · NCAA Approved Additional Core

CHINESE 1

Students begin their introduction to Chinese by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced after the first quarter. Students should expect to be actively engaged in their own language learning, 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, products, and perspectives of various Chinese-speaking regions, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

College Prep · UC Approved Language · NCAA Approved Additional Core

CHINESE 2

Students continue their study of 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 start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Character recognition and practice are a key focus of the course and students are expected to learn several characters each unit. However, pinyin is still presented with characters throughout the course to aid in listening and reading comprehension. Students should expect to be actively engaged in their own language learning, 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, products, and perspectives of various Chinese-speaking regions, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: Successful completion of Upper School Chinese 1

College Prep · UC Approved Language · NCAA Approved Additional Core

Fine Arts

ART HISTORY 1: 30,000 BCE–1900 CE—SEMESTER

Interpreting the origins of art gives students a unique perspective on their own work. In Art History 1, students will analyze various art forms including painting, sculpture, and architecture over changing periods of time. Beginning with the study of the earliest cave paintings, students will create art to immerse themselves in the content and study movements and masters over changing periods of time.

NOTE: This course covers many works of fine art over the centuries. Often, great artists portrayed the male and female form in various positions and clothing. Efforts have been made to be as conservative as possible. However, some artists and their works could not be represented without allowing partial nudity or suggestive positions.

College Prep · UC Approved Visual and Performing Arts

ART HISTORY 2: 1901–PRESENT—SEMESTER

Appreciating the cultural context of art in the modern era relies on analyzing artistic principles, abstract symbolism, and design techniques. Students in Art History 2 will explore trends from Post-Impressionism to street art and understand the formal and conceptual issues that foster changes in art throughout history.

NOTE: This course covers many works of fine art over the centuries. Often, great artists portrayed the male and female form in various positions and clothing. Efforts have been made to be as conservative as possible. However, some artists and their works could not be represented without allowing partial nudity or suggestive positions.

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ARTS AND SOCIETY 1: 4000 BCE–1750 CE—SEMESTER

The arts are not created in a vacuum. They are the result of the people and cultures that create them. Arts and Society 1 takes the student on a chronological walk through history, stopping along the way at a variety of historical, political, cultural, and artistic key moments. From 4000 BCE to 1750 CE, the student analyzes the relationship between societal culture and the arts being produced.

NOTE: This course covers many times during world history that are controversial and full of change. Many sensitive subjects are covered, including politics and religion.

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ARTS AND SOCIETY 2: 1751–PRESENT—SEMESTER

How do the people and the cultures of society affect the art around them? Students in Arts and Society 2 step into history and explore key moments from 1751 to the present in politics, culture, and art. Arts and Society enhances students' global awareness as they learn to interpret these significant events and their impact on the arts.

NOTE: This course covers many times during world history that are controversial and full of change. Many sensitive subjects are covered, including politics and religion.

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ARTS EXPLORATIONS—SEMESTER

Introducing students to diverse areas in the arts can broaden their perspective on the arts in general. Arts Explorations encourages students to experience each of the modern arts disciplines including Visual Arts, Theatre, Music, Media Arts, and Dance. Students will also be able to identify areas of special interest where they would like continued study and ways that the arts can be a part of their career paths.

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ART IN WORLD CULTURES

Who is the greatest artist of all time? Is it Leonardo da Vinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? You will learn about some of the greatest artists while also creating art of your own, including digital art. We will explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

College Prep · UC Approved Elective

DIGITAL PHOTOGRAPHY 1A: INTRODUCTION—SEMESTER

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.

College Prep · UC Approved Visual and Performing Arts

DIGITAL PHOTOGRAPHY 1B: CREATING IMAGES WITH IMPACT!—SEMESTER

Building on the prior prerequisite course, further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring your photos to life. Using this knowledge, build a portfolio of your work to pursue a career in this field!

Prerequisite: Successful completion of Digital Photography 1A

College Prep · UC Approved Visual and Performing Arts

DIGITAL PHOTOGRAPHY 2—SEMESTER

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye-catching photograph.

Prerequisite: Successful completion of Digital Photography 1B

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN ARTS CAREERS—SEMESTER

For every Broadway dancer, every television star, and every pop singer, there are countless people behind the scenes helping to make it happen. Explorations in Arts Careers introduces students to the skills that are part of many fascinating careers in the arts. Studying the arts creates independent and innovative thinkers and many doors are open to an artist with the proper training.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN FILM AND TELEVISION—SEMESTER

The culture of cinema and television tells a unique story of history and innovation. Students in Explorations in Film and Television will be introduced to industry icons and stars of the big and small screen. By studying and writing about film and television, students will analyze trends in technology and culture and better understand how to be an informed viewer.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN MEDIA ARTS—SEMESTER

From television to video games, media is everywhere. In Explorations in Media Arts, students will study the art behind the media, how it is created, the history of media, and the legal and ethical issues that arise while creating media arts. Students will apply critical thinking skills to creating web, video, animation, and graphic media projects.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN STUDIO ARTS—SEMESTER

Drawing and painting are two of the most basic forms of self-expression. In Explorations in Studio Arts, students will elevate those skills and develop an understanding of colors, shapes, composition, and design. By studying renowned artists and their styles, students will investigate their own forms of expression and build a vocabulary of tools and materials to enhance their creativity.

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INTRODUCTION TO DIGITAL PHOTOGRAPHY—SEMESTER

Capturing a special moment in a photograph is powerful. In Introduction to Digital Photography, students will study the history of photography as well as the basic operations of a digital camera. As they are introduced to different styles of photography and photographers, students will begin to develop their skills as well as their own eye for photography.

College Prep · UC Approved Visual and Performing Arts

PHOTO MANIPULATION—SEMESTER

Manipulating an image is its own unique form of art. By using accessible software tools and applications including Photoshop, students in Photo Manipulation will learn strategies for creating complex imagery. Students will incorporate the principles of design while creating unique new concepts in their art.

College Prep · UC Approved Visual and Performing Arts

PHOTOJOURNALISM—SEMESTER

A powerful image can tell an eloquent story without words. Students in Photojournalism will be introduced to some of the pioneers who set the standards for this unique way of storytelling. As they study the principal types of photojournalism and the ethical responsibilities a photojournalist has behind the lens, students will develop their own storytelling skills through their writing and their photographs.

College Prep · UC Approved Visual and Performing Arts

STUDIO ARTS 1: TECHNIQUES AND TOOLS—SEMESTER

With the right foundation, creativity can flourish. In Studio Arts 1, students build the groundwork for their art by practicing unique exercises to develop drawing, painting and mixed media skills. Incorporating their understanding of composition, design, colors and forms, students will use the appropriate materials and tools to work from realism to abstract.

College Prep · UC Approved Visual and Performing Arts

STUDIO ARTS 2: CONCEPTS AND EXPRESSIONS—SEMESTER

Developing a unique personal style and creating complex imagery is possible for any artist. Students in Studio Arts 2 will engage in techniques that take their work to a more sophisticated level. Analyzing other artists and their works will help students find deeper meaning and new interpretations.

Prerequisite: Successful completion of Studio Arts 1

College Prep · UC Approved Visual and Performing Arts

AMERICAN MUSIC APPRECIATION—SEMESTER

Music in America has a rich history. In American Music Appreciation, students will navigate this unique combination of culture and creativity that spawned jazz, rock and roll, and hip hop. From early church music to 21st-century pop, students will gain a new understanding of the key developments, people, and genres in American music.

College Prep · UC Approved Visual and Performing Arts

CLASSICAL MUSIC APPRECIATION—SEMESTER

What defines classical music? Students in Classical Music Appreciation will gain an understanding of the structure of conventional music that follows long-established principles, as compared to more spontaneous music, like folk and jazz. By studying composers and the society that shaped them, students will gain a new appreciation for the classical music form.

College Prep · UC Approved Visual and Performing Arts

MUSIC APPRECIATION: THE ENJOYMENT OF LISTENING—SEMESTER

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the 21st Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

College Prep · UC Approved Elective

EXPLORATIONS IN MUSIC 1—SEMESTER

Music can be simple, yet incredibly complex. Students in Explorations in Music 1 are introduced to music theory, instrument families, music notation, and organization. By analyzing the ways music is connected to other disciplines and industries and learning music terminology, students will progress in their understanding of music.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN MUSIC 2—SEMESTER

What is a symphony and an opera? How do you recognize a song from Japan or Russia? In Explorations in Music 2, students will study different forms of music from around the world. By learning about the musical identities of different cultures and countries, students will be able to identify different genres, instruments, and styles in the world of music.

Prerequisite: Successful completion of Explorations in Music 1

College Prep · UC Approved Visual and Performing Arts

MUSIC AROUND THE WORLD—SEMESTER

There is a vibrant chord of music that runs through every culture in the world. Students in Music Around the World will explore the music of Africa, Asia, Europe, and the Americas. From Finland to Mongolia to Zimbabwe, students will study the impact a country's history and societal values have on the music of that nation.

College Prep · UC Approved Visual and Performing Arts

MUSIC THEORY 1—SEMESTER

Understand the beautiful language of music. In Music Theory 1, students will learn the “alphabet” that makes up music including music notation. Learn how to read music and to follow the structure including pitch, rhythm, harmony, scales, keys, and chords, empowering any avid music listener or future musician.

Prerequisite: Successful completion of Explorations in Music 2 or some previous music study

College Prep · UC Approved Visual and Performing Arts

MUSIC THEORY 2—SEMESTER

Elevate music comprehension by understanding the concepts and rules. Music Theory 2 is both theoretical and practical and encompasses advanced harmonic and rhythmic structures, instrumentations and key changes. Through sight and sound, students will deepen their appreciation of music with a grasp of music theory.

Prerequisite: Successful completion of Music Theory 1

College Prep · UC Approved Visual and Performing Arts

CHOREOGRAPHY AND CHOREOGRAPHERS—SEMESTER

Choreography is a statement about society, culture, and history. Students in Choreography and Choreographers will gain insight into the creative processes and will trace the work of influential choreographers from the 16th century to the present.

College Prep · UC Approved Visual and Performing Arts

DANCE AROUND THE WORLD—SEMESTER

Throughout human history, some form of dance has evolved in every civilization. Students in Dance Around the World will explore dance as a ritual, religious and performed art from the primitive ages through modern day. Historic and cultural perspectives will be examined to study those influences on the work of choreographers and dancers.

College Prep · UC Approved Visual and Performing Arts

DANCE IN AMERICA—SEMESTER

The history of American dance is complex and rich with innovation. Dance in America takes the student on a journey through the social and political climates that fostered its development. From early ballet companies to Broadway and music videos, numerous choreographers, artists, and dancers have contributed to the evolution of American dance.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN DANCE 1—SEMESTER

Grace, beauty, and the pursuit of excellence are hallmarks of ballet and modern dance grew out of that tradition. In Explorations in Dance 1, students will study the foundations of the ballet style from clothing and training to rehearsal and performance and the evolution of modern dance. Students will meet the artists on stage and behind the scenes who help to create the magic of ballet and modern dance.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN DANCE 2—SEMESTER

The bright lights of Broadway have showcased many dancers' talents. Students in Explorations in Dance 2 will be introduced to the audition process, learn about the roles of agents and unions, as well as explore some of the most exciting Broadway shows. The basics of jazz and tap dance are introduced as well as the many places dancers can use their talents.

Prerequisite: Successful completion of Explorations in Dance 1

College Prep · UC Approved Visual and Performing Arts

INTRODUCTION TO DANCE—SEMESTER

What inspires choreographers and dancers? Students in Introduction to Dance will study the main elements of dance: space, time, and energy. They will discover how a choreographer uses these elements to create a dance piece and explore how dancers respond with their own creativity.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN THEATRE 1—SEMESTER

Watching a well-done performance is enjoyable. Explorations in Theatre 1 helps students understand the effort that goes into that performance. Through the perspective of the performer, the playwright, and the director, students will gain an appreciation of the artists who have contributed to both musical and non-musical performances and an understanding of the actor's world.

College Prep · UC Approved Visual and Performing Arts

EXPLORATIONS IN THEATRE 2—SEMESTER

Beyond the actors you see on stage, many others are behind the scenes making it all happen. Students in Explorations in Theatre 2 will build a vocabulary of the people and the equipment at work behind the scenes in the theater. Understanding the business aspects of producing a performance as well as the artistic considerations in technical production enhances future audience members' appreciation for the theatre.

Prerequisite: Successful completion of Explorations in Theatre 1

College Prep · UC Approved Visual and Performing Arts

HISTORY OF THEATRE 1: 524 BCE–1650 CE—SEMESTER

Humans have been performing since the first person told a story. Students in History of Theatre 1 will gain an appreciation of the ancient literature, architecture, acting styles, and artists that were major influences in early theatre. From ancient times to 1650, students will learn how theatre and society have influenced each other to engage and entertain.

College Prep · UC Approved Visual and Performing Arts

HISTORY OF THEATRE 2: 1651–PRESENT—SEMESTER

From a stage in a barn to the lights of Broadway, theatre has a vibrant history. In History of Theatre 2, students will study the technology, artists, literature, and architecture from 1651 to present. Key points in the development of theatre and the playwrights and producers behind them will enrich students' appreciation for modern theatre.

Prerequisite: Successful completion of History of Theatre 1

College Prep · UC Approved Visual and Performing Arts

THEATRE AROUND THE WORLD—SEMESTER

If all the world is a stage, then Theatre Around the World is an adventure. Students will travel through the countries of the world to see the similarities and differences of theatre in each culture. From ancient Indian Sanskrit theatre to famous African playwrights, students will understand how theatrical expression can unite people across the globe.

College Prep · UC Approved Visual and Performing Arts

AP® ART HISTORY

Laurel Springs does not administer AP® exams, nor do we assist students in finding a testing location. Students wishing to take an AP exam are responsible for finding their own physical testing location and having a test ordered for them by following the process for independent students.

AP® Art History is designed to provide college-level instruction in art history and prepare students for the AP exam in early May. This course is divided into two semesters, during which students examine major forms of artistic expression from the past and present and from a variety of cultures. Students learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience.

Advanced Placement · UC Honors Approved Visual and Performing Arts

Health & Physical Education

Health

HEALTH & PERSONAL WELLNESS—SEMESTER

This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Physical Education

PHYSICAL EDUCATION 1

PHYSICAL EDUCATION 2

In Physical Education 1 and 2, students will learn about a variety of physical activities, sports, and exercises. Do you play a team sport? Have you ever tried yoga? Do you enjoy running? The course begins with learning how to set goals for physical fitness. You will document your selected activities by creating a portfolio, based on the goals you set at the beginning of the course. At the end of the course, you will submit your portfolio to your teacher for review. Three hours of weekly physical activity are required to be logged throughout the course.

Prerequisite: Physical Education 2 requires successful completion of Physical Education 1

ADVANCED PE 1—SEMESTER

Advanced PE 1 guides students through an in-depth examination of the effects of exercise on the body. Students will learn how to exercise efficiently and properly, and apply the principles they've learned by participating in physical activities. Basic anatomy, biomechanics, physiology, and sports nutrition are all integral parts of this course.

ADVANCED PE 2—SEMESTER

Advanced PE 2 gives students a more in-depth view of physical fitness by studying subjects such as: biomechanics, nutrition, exercise programming, and exercise psychology. Students will apply what they learn by participating in a more challenging exercise requirement.

Prerequisite: Successful completion of Advanced PE 1

FITNESS FUNDAMENTALS 1—SEMESTER

Fitness Fundamentals 1 is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre- and post-fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

FITNESS FUNDAMENTALS 2—SEMESTER

Fitness Fundamentals 2 takes a more in-depth look at the five components of physical fitness touched on in Fitness Fundamentals 1: muscular strength, endurance, cardiovascular health, flexibility, and body composition. This course allows students to discover new interests as they experiment with a variety of exercises in a non-competitive atmosphere. By targeting different areas of fitness, students increase their understanding of health habits and practices and improve their overall fitness level. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Prerequisite: Successful completion of Fitness Fundamentals 1

WALKING FITNESS—SEMESTER

Walking Fitness helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to reviewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training. Students will take a pre- and post-fitness assessment. Throughout this course, students also participate in a weekly fitness program involving walking, elements of resistance training, and flexibility.

Electives

3D MODELING 1A—SEMESTER

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself!

College Prep · UC Approved Elective

3D MODELING 1B—SEMESTER

Many buildings that are rendered in the real world first are constructed in a digital 3D world that depicts the aesthetics, environment, and conditions of what will come to be. In this course, you will be introduced to the tools and techniques needed to create works of 3D art. You will bring your objects to life with color, textures, lighting, and shadow all while simulating the movement of the world around you. Are you ready to bring beautiful objects to life in a 3D world? Let's get started today!

Prerequisite: Successful completion of 3D Modeling 1A

College Prep · UC Approved Elective

ACT PREPARATION—SEMESTER

Students will use adaptive content that builds on each section of the ACT exam. Students will take a diagnostic exam for each section and then complete lessons and practice questions before taking a practice exam. Students will take three full-length ACT practice exams.

College Prep

ADVERTISING & SALES PROMOTION—SEMESTER

What comes to mind when you think of the word marketing? Perhaps a familiar television jingle begins to play in your head? Or maybe you think of the irritating phone calls from people wanting to sell you something you already have? No matter what your feelings are, there's no denying the sheer magnitude and power of the marketing industry. Every year companies spend approximately \$200 billion promoting their products and services—and that's just in the United States alone! You're familiar with what it's like on the receiving end of a company's marketing efforts, but what's it like on the other side? In Advertising and Sales Promotions, you'll see exactly how marketing campaigns, ads, and commercials are conceived and brought to life and even meet some of the creative folks who produce that memorable media. You'll learn about different career opportunities in the field and discover ways that you too can be a part of this exciting, fast-paced industry.

College Prep · UC Approved Elective

AGRISCIENCE 1—SEMESTER

Explore the importance of agriscience from learning about its history and contribution to human civilization to growing plants and designing garden spaces. You will form a complete picture of how agriscience continues to develop the world through knowledge of the management of seed stock, how plants function, the role of animals, and the use of chemicals. Special attention will be paid to safety, promoting a healthy environment, and designing for sustainability.

College Prep · UC Approved Elective

AGRISCIENCE 2—SEMESTER

Science and technology are revolutionizing many areas of our lives, and agriculture is no exception! From aquaculture to genetic engineering, agriscience is finding new ways to better produce and manage plants, animals, and other natural resources. In Agriscience 2, you'll build on your existing knowledge of plant and animal science and delve deeper into important areas such as soil science and weed management. You'll also explore research on plant and animal diseases as well as the insects and other pests that can impact agricultural enterprises and natural resources.

Prerequisite: Successful completion of Agriscience 1

College Prep · UC Approved Elective

ANIMATION 1A—SEMESTER

Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation!

College Prep · UC Approved Elective

ANIMATION 1B—SEMESTER

It's time to start animating like the pros! In this hands-on course, you'll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away.

Prerequisite: Successful completion of Animation 1A

College Prep · UC Approved Elective

ANTHROPOLOGY 1: UNCOVERING HUMAN MYSTERIES—SEMESTER

The aim of anthropology is to use a broad approach to gain an understanding of our past, present, and future, and in addition address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity, and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

College Prep · UC Approved Elective

ANTHROPOLOGY 2: MORE HUMAN MYSTERIES UNCOVERED—SEMESTER

Anthropology has helped us better understand cultures around the world and through different time periods. This course continues the study of global cultures and the ways that humans have made sense of their world. We will examine some of the ways that cultures have understood and given meaning to different stages of life and death. The course will also examine the creation of art within cultures and examine how cultures evolve and change over time. Finally, we will apply the concepts and insights learned from the study of anthropology to several cultures found in the world today.

Prerequisite: Successful completion of Anthropology 1

College Prep · UC Approved Elective

AP[®] COMPUTER SCIENCE PRINCIPLES

Laurel Springs does not administer AP[®] exams, nor do we assist students in finding a testing location. Students wishing to take an AP exam are responsible for finding their own physical testing location and having a test ordered for them by following the process for independent students.

Computer Science Principles (AP[®] CSP) introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP CSP prepares students for college and careers. This course introduces students to the foundational concepts of computer science and explores the impact computing and technology has on our society. With a unique focus on creative problem solving and real-world applications, the AP Computer Science Principles course gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field.

Advanced Placement · UC Honors Approved Science

ARCHAEOLOGY: DETECTIVES OF THE PAST—SEMESTER

George Santayana once said, “Those who cannot remember the past are condemned to repeat it.” The field of archaeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on the techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.

College Prep · UC Approved Elective

ASTRONOMY 1A: INTRODUCTION—SEMESTER

Follow your enthusiasm for space by introducing yourself to the study of astronomy. This course will include topics such as astronomy’s history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Further knowledge is gained through the study of galaxies, stars, and the origin of the universe.

College Prep · UC Approved Elective

ASTRONOMY 1B: EXPLORING THE UNIVERSE—SEMESTER

Building upon the prior prerequisite course, Astronomy 1A, dive deeper into the universe and develop a lifelong passion for space exploration and investigation. Become familiar with the inner and outer planets of the solar system as well as the sun, comets, asteroids, and meteors. Additional topics include space travel and settlements as well as the formation of planets.

Prerequisite: Successful completion of Astronomy 1A

College Prep · UC Approved Elective

BIOTECHNOLOGY 1A: INTRODUCTION—SEMESTER

How is technology changing the way we live? Is it possible nature can provide all the answers to some of science’s most pressing concerns? In Biotechnology 1A: Introduction, you’ll learn the basics of biotechnology and evolutionary theory, explore the various ways we store and preserve food, and discover the process of fermentation and microbiology. This course will also cover the importance of breeding plants and hybridization and how early breeding programs led to the study of genetics and an understanding of the function of genes. Finally, you’ll delve into early industrial discoveries and explore the developments in biotechnology during the industrial revolution.

College Prep · UC Approved Elective

BIOTECHNOLOGY 1B: UNLOCKING NATURE’S SECRETS—SEMESTER

The fusion of biology and technology creates an amazing process and offers humanity a chance to significantly improve our existence, while simultaneously creating new challenges. In Biotechnology 1B: Unlocking Nature’s Secrets, you’ll build on your knowledge from Biotechnology 1A and learn how this field seeks to cure such deadly diseases as cancer and malaria, develop innovative medicine, and effectively feed the world through improved agricultural systems. Learn about some of the challenges biotechnology faces today, such as the growth of antibiotic resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMOs). You’ll research new biotechnologies and learn how they are changing the world we live in, including the environmental benefits of industrial biotechnology.

Prerequisite: Successful completion of Biotechnology 1A

College Prep · UC Approved Elective

BUSINESS INFORMATION MANAGEMENT 1A—SEMESTER

Build your career skills and strengthen your knowledge of business information management by exploring types of businesses and the elements of business planning. Learn about the initial requirements to start a business, then examine business finances, marketing, sales, and the importance of customer service. Computer hardware, networks, and the internet are discussed as well as the basics of web design. Lastly, you will explore ethics and business law, giving you an opportunity to discover your passion for business!

College Prep · UC Approved Elective

BUSINESS INFORMATION MANAGEMENT 1B—SEMESTER

Building on the prior prerequisite course, you will become more familiar with the application of information management in business. You will learn about professional conduct, teamwork, and managerial skills while also examining careers in business technology. The basics of word processing, spreadsheets, databases, and presentation software are explored while you become comfortable operating each of these programs. Finally, the future of business technology is discussed, providing you with a foundation in business information management.

Prerequisite: Successful completion of Business Information Management 1A

College Prep · UC Approved Elective

CAREERS IN CRIMINAL JUSTICE 1A—SEMESTER

Have you ever wondered what steps take place as people move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order.

College Prep · UC Approved Elective

CAREERS IN CRIMINAL JUSTICE 1B—SEMESTER

Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, federal, and international levels, and even in the private sector. Explore some of the various occupations in this field through this course, while simultaneously learning how they interact with each other and other first responders. Discover important aspects of criminal justice careers, such as implementing interviewing techniques, collaborating with other agencies and departments, cooperating with global partners, and communicating with various audiences. All of these tasks are completed while understanding the importance of ethical decision making in criminal justice. It is important to know and have the character required to know the difference between right and wrong to be successful in this field. If a career in criminal justice is something you hope to pursue, the course ends with some helpful information for finding employment in criminal justice.

Prerequisite: Successful completion of Careers in Criminal Justice 1A

College Prep · UC Approved Elective

CODING 1A—SEMESTER

Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret?

College Prep · UC Approved Elective

CODING 1B—SEMESTER

Building on the prior prerequisite course, nurture your understanding of programming to take on new challenges! Discover a variety of development tools to create code while learning about methods for modular programming and coding structures. Explore security considerations, like encryptions, and toolkits to elevate your coding skills! Finally, start creating your own comprehensive software for the web and move through programming problems as part of the Capstone Project.

Prerequisite: Successful completion of Coding 1A

College Prep · UC Approved Elective

COMPUTER SCIENCE AND CODING

The Computer Science and Coding (in Python) curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. Once students complete the Computer Science and Coding (in Python) course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in Python.

College Prep · UC Approved Science

CONCEPTS OF ENGINEERING & TECHNOLOGY—SEMESTER

Each day, we are surrounded by technology and engineering projects. From our phones to the bridges we drive over, engineering and technology influence many parts of our lives. In Concepts of Engineering and Technology, you will learn more about engineering and technology careers and what skills and knowledge you'll need to succeed in these fields. You'll explore innovative and cutting-edge projects that are changing the world we live in and examine the design and prototype development process. Concepts of Engineering and Technology will also help you understand the emerging issues in this exciting career field.

College Prep · UC Approved Elective

CREATIVE WRITING—SEMESTER

For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.

College Prep · UC Approved Elective · NCAA Approved English

CRIMINOLOGY: INSIDE THE CRIMINAL MIND—SEMESTER

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology—the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological, and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors, from arrest to punishment, help shape the criminal case process?

College Prep · UC Approved Elective

CULINARY ARTS 1A: INTRODUCTION—SEMESTER

Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide you with basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Finally, prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

College Prep · UC Approved Elective

CULINARY ARTS 1B: FINDING YOUR PALATE—SEMESTER

Did you know that baking is considered a science? Building on the prior prerequisite course, discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. The last unit in this course explores careers in the culinary arts for ways to channel your newfound passion!

Prerequisite: Successful completion of Culinary Arts 1A

College Prep · UC Approved Elective

CYBERSECURITY 1A—SEMESTER

Ever wonder what it's like to be a hacker? Or think about who is trying to steal your passwords while you're shopping online using the free Wi-Fi at your local coffee shop? Can someone be watching your personal, private information? Can anything be kept "secret" online? We depend more and more on the technologies we interact with every day. This creates the need for increased system and network security measures. And, it means we all need to know more about how to protect valuable and vulnerable information. This course introduces you to the tools, technologies, and methods needed to protect online information and addresses how these issues are impacting safety and rights on a global and personal level. Learn what exciting career possibilities await you in the new and high-demand field of cybersecurity.

College Prep · UC Approved Elective

CYBERSECURITY 1B—SEMESTER

Ever wonder what it's like to be a hacker? Or think about who is trying to steal your passwords while you're shopping online using the free Wi-Fi at your local coffee shop? Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyberattacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. In a world where such threats have no boundaries, cybersecurity will undoubtedly play an increasingly larger role in our personal and professional lives in the years to come.

Prerequisite: Successful Completion of Cybersecurity 1A

College Prep · UC Approved Elective

DIGITAL MEDIA FUNDAMENTALS 1A—SEMESTER

Discover your talent for building digital media applications using text, graphics, animations, sounds, videos, and more! Learn about the elements that make impressive media, such as typography, color theory, design, and manipulation. Explore careers to apply your digital media skills and find your place in this fast-paced and exciting field!

College Prep · UC Approved Elective

DIGITAL MEDIA FUNDAMENTALS 1B—SEMESTER

Building on the prior prerequisite course, polish your digital media skills and learn all about web design. Incorporate your ideas into websites and dabble in the basics of marketing to understand how your work is used. Finally, explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career!

Prerequisite: Successful completion of Digital Media Fundamentals 1A

College Prep · UC Approved Elective

ENTREPRENEURSHIP 1A: INTRODUCTION—SEMESTER

Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true!

College Prep · UC Approved Elective

ENTREPRENEURSHIP 1B—SEMESTER

You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!

Prerequisite: Successful completion of Entrepreneurship 1A

College Prep · UC Approved Elective

EXERCISE SCIENCE—SEMESTER

This course takes an in-depth examination of the effects of exercise on the body. Through this course, students will learn basic anatomy, biomechanics, and physiology, as well as proper principles and techniques to design an effective exercise program. The study of nutrition and human behavior will also be integrated into the course to enhance the students' comprehension of this multifaceted subject.

College Prep

FASHION DESIGN—SEMESTER

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating!

College Prep · UC Approved Elective

FIRST AID & SAFETY—SEMESTER

In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety of emergency situations. They also learn the procedures for choking and CPR for infants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness.

College Prep · UC Approved Elective

FORENSIC SCIENCE 1: SECRETS OF THE DEAD—SEMESTER

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

College Prep · UC Approved Elective

FORENSIC SCIENCE 2: MORE SECRETS OF THE DEAD—SEMESTER

Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.

Prerequisite: Successful completion of Forensic Science 1

College Prep · UC Approved Elective

FORESTRY & NATURAL RESOURCES—SEMESTER

Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry and Natural Resources course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry-related careers and important issues facing forestry professionals today.

College Prep · UC Approved Elective

GAME DESIGN 1A—SEMESTER

Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! Tap into your creative and technical skills as you learn about the many aspects involved with designing video games. You will learn about video game software and hardware, various gaming platforms, necessary technical skills, troubleshooting and internet safety techniques, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own plan for a 2D video game! Turn your hobby into a potential career and go from simply being a player in a virtual world to actually creating one!

College Prep · UC Approved Elective

GAME DESIGN 1B—SEMESTER

We live in a technologically-advanced world where virtual reality and video games play a major role. Have you ever thought about designing your own video game? By signing up for Game Design 1B, you will learn the skills needed to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. Learn to analyze player goals, actions, rewards, and challenges, among many other gameplay components. Utilize the 21st-century skills of creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design 2, you are putting yourself at the forefront of a future in technology.

Prerequisite: Successful completion of Game Design 1A

College Prep · UC Approved Elective

GAME DESIGN 2A—SEMESTER

Are you ready to enter a multi-billion-dollar industry and start applying your technical skills into a compelling package that will catch the eye of an employer? Beginning with the design process and conceptualization, you'll develop your game's story elements, narrative, plot, game characters, and assets. Using game design software, Unity, you will start to create your game and apply lighting, audio, visual effects, player choice options, AI, and consider the type of controls to use for your game—including VR.

Prerequisite: Successful completion of Game Design 1B

College Prep · UC Approved Elective

GAME DESIGN 2B—SEMESTER

You've already done the groundwork, and now it's time to level up and launch! In Game Design 2B, you'll take your runner game to new heights and enter the land of fire and ice using the cool tools that Unity has to offer. Get ready to build atmospheric landscapes, mountain runs, stair builds, and implement obstacles to keep your relic safe. Then, your real-world game begins—test and evaluate your game and prepare for a market launch! All of the moving parts of the game development process come together in this course, so you can unleash your game into the world.

Prerequisite: Successful completion of Game Design 2A

College Prep · UC Approved Elective

GOTHIC LITERATURE: MONSTER STORIES—SEMESTER

From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction.

College Prep · UC Approved Elective

GREAT MINDS IN SCIENCE: IDEAS FOR A NEW GENERATION—SEMESTER

Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers are working to answer all of these questions. Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.

College Prep · UC Approved Elective

HEALTH CAREERS—SEMESTER

In Health Careers 1, students explore a variety of career options related to the healthcare field, including medicine, nursing, physical therapy, pharmacy, dental careers, sports medicine, personal training, social work, psychology, and more. Students will learn about various options within each field, what each of these jobs entails, and the education and knowledge required to be successful. In addition, they will focus on basic job skills and information that would aid them in health care and other career paths.

College Prep · UC Approved Elective

HEALTH SCIENCE 1: THE WHOLE INDIVIDUAL—SEMESTER

Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and the measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

College Prep · UC Approved Elective

HOSPITALITY & TOURISM 1—SEMESTER

Where is your dream travel destination? Now imagine working there! You'll be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around leisure and travel, spotting trends, and planning events are just a few of the key aspects you will explore within this exciting field.

College Prep · UC Approved Elective

HOSPITALITY & TOURISM 2A: HOTEL AND RESTAURANT MANAGEMENT—SEMESTER

If you love working with people, a future in hospitality may be for you. In Part A of Hospitality and Tourism 2: Hotel and Restaurant Management, you will learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. As well, you will discover trends and technological advances that make each industry exciting and innovative. In Part A, you can explore a variety of interesting job options from Front Desk and Concierge services to Maître d' and food service.

Prerequisite: Successful completion of Hospitality & Tourism 1

College Prep · UC Approved Elective

HOSPITALITY & TOURISM 2B: HOTEL AND RESTAURANT MANAGEMENT—SEMESTER

Prepare yourself for a high energy career in hotel and restaurant management. Building upon the prior prerequisite course, learn about different management styles and how to develop job descriptions and business plans. Important topics, such as the laws and regulations that govern hotels and restaurants will also be covered. Preparing menus, advertising vacancies, performing interviews, and how to be financially conscious will all be discussed, making this course a comprehensive tool for those planning on entering the hotel and restaurant management industry.

Prerequisite: Successful completion of Hospitality and Tourism 2A

College Prep · UC Approved Elective

HUMAN GEOGRAPHY: OUR GLOBAL IDENTITY—SEMESTER

How do language, religion, and landscape affect the physical environment? How do geography, weather, and location affect customs and lifestyle? Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form, and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.

College Prep · UC Approved Elective

INTERIOR DESIGN—SEMESTER

Do you have a flair for designing and decorating? If so, this course will show you how to turn your interests and skills into a career. From professionals who own their own business to those working within a larger company, interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.

You'll learn about color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Most importantly, you'll learn how to work with a client to meet their unique needs and style requirements. This course will help you to identify parts of interior design that are most interesting to you, helping you to chart the path for your future.

College Prep · UC Approved Elective

INTERNATIONAL BUSINESS: GLOBAL COMMERCE IN THE 21ST CENTURY—SEMESTER

From geography to culture Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political, and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.

College Prep · UC Approved Elective

INTRODUCTION TO COACHING—SEMESTER

This course focuses on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, sports nutrition, and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision-making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.

College Prep

INTRODUCTION TO NURSING 1—SEMESTER

This two-semester course introduces students to the field of nursing. In the first semester, students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention.

College Prep · UC Approved Elective

INTRODUCTION TO NURSING 2—SEMESTER

This two-semester course introduces students to the field of nursing. In semester two, students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, and crisis management will be included.

Prerequisite: Successful completion of Introduction to Nursing 1

College Prep · UC Approved Elective

JOURNALISM 1A: INTRODUCTION—SEMESTER

Are you a storyteller at heart? Are you always the first one to know what's going on at school or in your town and excited to share the latest breaking news? If so, you are the kind of person every online, print, and broadcast news outlet is searching for, and Journalism 1A: Introduction is the perfect course for you! Explore the history of journalism and see how social media and the digital world has changed the way news media operates. Learn the basics of press law as well as the code of ethics journalists should follow. Finally, understand how to make your writing and speaking more powerful, and discover the importance of pictures and images when telling a story.

College Prep · UC Approved Elective

JOURNALISM 1B: INVESTIGATING THE TRUTH—SEMESTER

If you want to turn your writing, photography, and collaborative skills into an exciting and rewarding career, Journalism 1B: Investigating the Truth is where to begin. Learn how to write a lead that grabs your readers, discover the roles of sources and how to interview them effectively, and explore the best options for researching your story in a digital world. You will also understand the role editors and producers play in the revision process, learn how to prepare your posts for publication, and how to follow the publication process—from the flow of a work day to the layout of a newspaper or a news broadcast.

Prerequisite: Successful completion of Journalism 1A

College Prep · UC Approved Elective

LAW & ORDER: INTRODUCTION TO LEGAL STUDIES—SEMESTER

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

College Prep · UC Approved Elective

LEADERSHIP SKILLS DEVELOPMENT—SEMESTER

Leadership Skills Development takes students on a leadership journey, where they explore their own stories and goals and learn how to achieve things they never thought possible. During segment 1, students will explore their own personality strengths, learn how to set MAD goals, and find their North. They will learn about their success GPA, which is more than just the grades they receive but also includes their ability to build their awareness, social, and solution powers. During segment 2, students have the opportunity to use what they have learned and apply tools and strategies to fictitious case studies. The course ends with students researching, planning, and participating in a service project that will benefit their school and/or community.

College Prep · UC Approved Elective

MANUFACTURING: PRODUCT DESIGN & INNOVATION—SEMESTER

Think about the last time you visited your favorite store. Have you ever wondered how the products you buy make it to the store shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In this course, you'll learn about the types of manufacturing systems and processes used to create the products we buy every day. You'll also be introduced to the various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors. As a culminating project, you'll plan your own manufacturing process for a new product or invention! If you thought manufacturing was little more than mundane assembly lines, this course will show you just how exciting and fruitful the industry can be.

College Prep · UC Approved Elective

MARKETING FOUNDATIONS 1A—SEMESTER

Welcome to the fast-paced and exciting world of marketing! You will learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Also, you will examine how to identify target markets, perform market research, and develop successful marketing strategies. Finally, the legal and ethical considerations of business and marketing are discussed along with the impact of government on business.

College Prep · UC Approved Elective

MARKETING FOUNDATIONS 1B—SEMESTER

Building on the prior, prerequisite course, you will dive deeper into the marketing world with real-world applications and practices. Engage with the marketing mix by studying understanding branding, advertising, promotion strategies, and more. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field!

Prerequisite: Successful completion of Marketing Foundations 1A

College Prep · UC Approved Elective

MARKETING 2A—SEMESTER

Can you think of a brand that first launched in the U.S. and then became popular in other countries? Facebook™ did this very thing! Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. In this course, you'll find out how business and marketing works around the world! You'll learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more!

Prerequisite: Successful completion of Marketing Foundations 1B

College Prep · UC Approved Elective

MARKETING 2B—SEMESTER

How does a business make money? If you said sales, then you're right! This course explores the secrets to sales. You'll learn expectations, best practices, sales planning, building a clientele that becomes long-term buyers, and how to stay motivated to sell, sell, sell! If sales management is your goal, you'll learn about management styles, how to find, hire, train, motivate, and compensate your team.

Prerequisite: Successful completion of Marketing 2A

College Prep · UC Approved Elective

MEDICAL TERMINOLOGY—SEMESTER

In this course students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology for common tests, procedures, pharmacology, disease, and conditions.

College Prep • UC Approved Elective

MILITARY CAREERS—SEMESTER

Most of us have seen a war movie; maybe it had a hotshot aviator or a renegade private or a daring Special Forces operative. But outside of these sensationalized portrayals, do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine, and Introduction to Military Careers will provide the information you need to gain a broader understanding of how to find the right fit. You will learn about the five military branches—Air Force, Army, Coast Guard, Marines Corps, and Navy—and examine which jobs you might like to pursue. From aviation to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.

College Prep • UC Approved Elective

MYTHOLOGY & FOLKLORE: LEGENDARY TALES—SEMESTER

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore have been used as a way to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

College Prep • UC Approved Elective

NATIONAL SECURITY—SEMESTER

Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. In National Security, you will have the opportunity to learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Put yourself in the position of the country's decisive leaders and develop your own knowledge base and skill set necessary to meet the requirements of our nation's most demanding career.

College Prep • UC Approved Elective

NUTRITION—SEMESTER

This course takes students through a comprehensive study of nutritional principles and guidelines. Students will learn about worldwide views of nutrition, nutrient requirements, physiological processes, food labeling, healthy weight management, diet-related diseases, food handling, nutrition for different populations, and more. Students will gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

College Prep • UC Approved Elective

PEER COUNSELING—SEMESTER

Helping people achieve their goals is one of the most rewarding of human experiences. Peer counselors help individuals reach their goals by offering them support, encouragement, and resource information. This course explains the role of a peer counselor, teaches the observation, listening, and empathic communication skills that counselors need, and provides basic training in conflict resolution, and group leadership. Not only will this course prepare you for working as a peer counselor, but the skills taught will enhance your ability to communicate effectively in your personal and work relationships.

College Prep • UC Approved Elective

PERSONAL & FAMILY FINANCE—SEMESTER

How do our personal financial habits affect our financial future? How can we make smart decisions with our money in the areas of saving, spending, and investing? This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students will learn more about topics such as taxation, financial institutions, credit, and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.

College Prep · UC Approved Elective

PERSONAL PSYCHOLOGY 1: THE ROAD TO SELF-DISCOVERY—SEMESTER

Self-knowledge is the key to self-improvement! More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self-discovery! Sample topics include the study of infancy, childhood, adolescence, perception, and states of consciousness. Amazing online psychology experiments dealing with our own personal behavior are featured within this course.

College Prep · UC Approved Elective

PERSONAL PSYCHOLOGY 2: LIVING IN A COMPLEX WORLD—SEMESTER

Personal Psychology 2 continues the study of self-improvement initiated in Personal Psychology 1. Topics include memory, intelligence, emotion, health, stress, and personality. This course features virtual psychology experiments that give students insight into human behavior.

Prerequisite: Successful completion of Personal Psychology 1

College Prep · UC Approved Elective

PERSONAL TRAINING CAREER PREP—SEMESTER

This course examines the role and responsibilities of a personal trainer. Students will learn the steps to become a personal trainer, including performing fitness assessments, designing safe and effective workouts, and proper nutrition principles. Concepts of communication and motivation will be discussed, as well as exercise modifications and adaptations for special populations. Students will also examine certification requirements, business and marketing procedures, and concerns about liability and ethics. In addition, throughout the course, students will be able to explore various exercises, equipment, and tools that can be used for successful personal training.

College Prep

PERSONAL TRAINING CONCEPTS—SEMESTER

This course examines basic concepts in fitness that are important for personal fitness, as well as necessary foundational information for any health or exercise career field. Areas of study include musculoskeletal anatomy and physiology, terms of movement, basic biomechanics, health-related components of fitness, FITT principles, functional fitness skills, safety and injury prevention, posture and technique, nutrition, and weight management. This course is a good preparatory course for students interested in or wishing to pursue a career in health, sports, or fitness. It provides fundamental information about health and fitness that would be necessary for any fitness career field.

College Prep

PHILOSOPHY: THE BIG PICTURE—SEMESTER

This course will take you on an exciting adventure that covers more than 2,500 years of history! Along the way, you'll run into some very strange characters. For example, you'll read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions. You'll learn about another eccentric who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the most brilliant and influential thinkers of all time. As you learn about these great thinkers, you'll come to see how and where many of the most fundamental ideas of Western Civilization originated. You'll also get a chance to ask yourself some of the same questions these great thinkers pondered. By the time you've "closed the book" on this course, you will better understand yourself and the world around you...from atoms to outer space...and everything in between.

College Prep • UC Approved Elective

PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES—SEMESTER

Food has to travel from the farm to the table, and in Agriculture and Natural Resources, you will learn about all of the steps in that journey, beginning with the history of agriculture through animal husbandry, plant science, and managing our use of natural resources. In this course, you will receive a broad understanding of the subject matter, preparing you for future hands-on learning, participation in Future Farmers of America, and supervised agricultural experiences.

College Prep • UC Approved Elective

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE 1A—SEMESTER

Gain fundamental knowledge that will help you pursue a career in business! You will explore the different types of businesses and ownership forms, the impact of governments on business, and the marketing of goods and services. You will also engage with the principles of globalization, free trade, and various economic systems. Finally, the impact of technology on business, business ethics, and social responsibility are discussed, providing you with a foundational knowledge of business.

College Prep • UC Approved Elective

PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE 1B—SEMESTER

Building on the prior prerequisite course, you will expand your knowledge of the basics to explore advanced topics, such as marketing strategy, banking, and investments. Finally, examine employability skills and careers in business, finance, and marketing as well as various entrepreneurship opportunities.

Prerequisite: Successful completion of Principles of Business, Marketing, and Finance 1A

College Prep • UC Approved Elective

PRINCIPLES OF INFORMATION TECHNOLOGY 1A—SEMESTER

Develop your understanding of computers and increase your proficiency! Learn about computer hardware, Von Neumann architecture, peripherals, and maintenance as well as data management and storage options. Trace the history of operating systems and application software while also exploring network systems, administration, and troubleshooting. Finally, dive into word processing, spreadsheets, and databases to cement your knowledge of information technology!

College Prep • UC Approved Elective

PRINCIPLES OF INFORMATION TECHNOLOGY 1B—SEMESTER

Building on the prior prerequisite course, you will gain further knowledge of information technology. Starting with an overview of programming, algorithms, and compilers, students will then learn the basics of web page design and creating graphics. You will also explore security and cybercrime, emerging technologies, presentation software, and intellectual property laws. Finally, you will prepare for the future by discovering various careers in this field and planning your education!

Prerequisite: Successful completion of Principles of Information Technology 1A

College Prep • UC Approved Elective

PRINCIPLES OF PUBLIC SERVICE: TO SERVE & PROTECT—SEMESTER

Ambulances scream along, heading toward those in need. But who makes sure someone is there to answer the 9-1-1 call? When you take a pill, who has determined that drug is safe for the public? All of these duties are imperative to our comfort and success as a society. Public service is a field that focuses on building a safe and healthy world, and in Principles of Public Service: To Serve and Protect, you will be introduced to its many different career choices. The protection of society is not only one of our greatest challenges, it also provides ways for people to work together to ensure safety and provide indispensable services. If you've ever contemplated being one of these real-life heroes, now is the time to learn more.

College Prep · UC Approved Elective

PUBLIC SPEAKING 1A—SEMESTER

Does the thought of speaking in front of people make you break out in hives? Maybe you want tips on how to make that first great impression? In both cases, Public Speaking 1A: Introduction may be just what you need. In this course, you will learn from famous orators, like Aristotle and Cicero, understand the influence of rhetoric, and discover how to recognize bias, prejudice, and propaganda. You will also learn how to plan a speech, build an argument, and communicate effectively, while collaborating with others. Grab your notes and get ready to conquer public speaking!

College Prep · UC Approved Elective

PUBLIC SPEAKING 1B—SEMESTER

If you've learned the basics and are ready to expand your public speaking skills, Public Speaking 1B: Finding Your Voice is for you. In this course, you'll master the fundamentals of public speaking through practice and eventually learn to speak confidently in front of large groups. Explore the use of inductive and deductive reasoning, learn how to prepare a speech outline, and discover how to write your own speech using correct and emotive language. This course will also help you to develop self-efficacy and self-esteem, reduce your fear of public speaking, and teach you how to use body language effectively. You'll also learn how to stand back and critically examine your own work in order to identify areas for improvement.

Prerequisite: Successful completion of Public Speaking 1A

College Prep · UC Approved Elective

REAL WORLD PARENTING—SEMESTER

What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. 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.

College Prep · UC Approved Elective

RENEWABLE TECHNOLOGIES—SEMESTER

Interested in transforming energy? With concerns about climate change and growing populations' effects on traditional energy supplies, scientists, governments, and societies are increasingly turning to renewable and innovative energy sources. In the Introduction to Renewable Technologies course, you'll learn all about the cutting-edge field of renewable energy and the exciting new technologies that are making it possible. You'll explore new ways of generating energy and storing that energy, from biofuels to high-capacity batteries and smart electrical grids. You'll also learn more about the environmental and social effects of renewable technologies and examine how people's energy decisions impact policies.

College Prep · UC Approved Elective

RESTAURANT MANAGEMENT—SEMESTER

Have you ever dreamed of running your own eatery? Maybe you've thought of collaborating with a famous chef to create an unforgettable dining experience? What goes on behind the restaurant dining room is a very different world than what goes on out front and really determines the success or failure of an establishment. Restaurant Management will show you exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.

College Prep · UC Approved Elective

SAT PREPARATION—SEMESTER

Students will use adaptive content that builds on each section of the redesigned SAT. Students will take a diagnostic for each section and then complete lessons and practice questions before taking a practice exam. Students will take three full-length SAT practice exams.

College Prep

SOCIAL MEDIA: OUR CONNECTED WORLD—SEMESTER

Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on social media platforms is crucial to surviving and thriving in this age of digital communication. In Introduction to Social Media, you'll learn the ins and outs of such social media platforms like Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit—personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.

College Prep · UC Approved Elective

SOCIAL PROBLEMS 1: A WORLD IN CRISIS—SEMESTER

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments, and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

College Prep · UC Approved Elective

SOCIAL PROBLEMS 2: CRISIS, CONFLICTS, & CHALLENGES—SEMESTER

The Social Problems 2 course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments, and the individual.

Prerequisite: Successful completion of Social Problems 1

College Prep · UC Approved Elective

SOCIOLOGY 1: THE STUDY OF HUMAN RELATIONSHIPS—SEMESTER

The world is becoming more complex. How do your beliefs, values, and behavior affect the people around you and the world in which we live? Students will examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

College Prep · UC Approved Elective

SOCIOLOGY 2: YOUR SOCIAL LIFE—SEMESTER

Sociology is the study of people, social life, and society. By developing a “sociological imagination” students will be able to examine how society itself shapes human action and beliefs...and how in turn these factors re-shape society itself! Fascinating online videos journeys will not only inform students but motivate them to still seek more knowledge on their own.

Prerequisite: Successful completion of Sociology 1

College Prep · UC Approved Elective

SPORTS & ENTERTAINMENT MARKETING 1A—SEMESTER

The bright lights. The roaring crowds. The chants and cheers and applause. If you are drawn to the electricity of large events and the challenge of making events successful, a career in sports and entertainment marketing may be for you! In this course, you will trace the development of these industries, dissect their dual nature, and discover what it takes to pitch, promote, and deliver on these services. You'll also explore the necessary steps to chart your own career path from among the professional roles that these industries need to operate. Let's get off the sidelines and hop into the primetime of the sporting and entertainment worlds!

College Prep · UC Approved Elective

SPORTS & ENTERTAINMENT MARKETING 1B—SEMESTER

Get ready to drop your spectator status for an all-access pass to enter the exciting world of sports and entertainment marketing! In this course, you'll secure a solid foundation of effective marketing by studying the different roles and levels and how they relate to one another. Then, you'll explore the modern marketing methods professionals use to take an event concept and make it successful. Finally, you'll get up to speed on industry terminology and touchpoints with the help of HR. Get ready to flash that pass and gain all-star access to the stage and arena!

Prerequisite: Successful completion of Sports & Entertainment Marketing 1A

College Prep · UC Approved Elective

SPORTS OFFICIATING—SEMESTER

In this course, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sport official plays in maintaining fair play. The course will also highlight the history of sports, the roles other participants have in a sporting event, equipment necessary for play, and how to take score for the various sports.

College Prep

STRENGTH TRAINING—SEMESTER

This one-semester course focuses on the fitness components of muscular strength and endurance. Throughout this course, students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training.

College Prep

THE LORD OF THE RINGS: AN EXPLORATION OF THE FILMS & THEIR LITERARY INFLUENCES—SEMESTER

Hobbits, Orcs, wizards, dashing knights, and powerful elves are all part of the magic created in J.R.R. Tolkien's famously epic tale, *The Lord of the Rings*. For years, the vivid characters within this beloved story could exist only in the readers' minds—until it was adapted into a movie that allowed fans to finally see, through the eyes of Hollywood magic and brilliant technology, the manifestation of these characters on screen. What does it take to transport these well-known images like Gollum and the Shire from dusty pages to the giant screen? In *The Lord of the Rings: An Exploration of the Films & Its Literary Influences*, you will see first-hand how classic literature can become modern film and bring the fantasy alive for a whole new generation of believers.

College Prep · UC Approved Elective

THEATER, CINEMA, & FILM PRODUCTION 1A: LIGHTS! CAMERA! ACTION!—SEMESTER

Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life!

College Prep · UC Approved Elective

THEATER, CINEMA, & FILM PRODUCTION 1B: LIGHTS, CAMERA, ACTION...TAKE TWO!—SEMESTER

Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen.

Prerequisite: Successful completion of Theater, Cinema, & Film Production 1A

College Prep · UC Approved Elective

VETERINARY SCIENCE: THE CARE OF ANIMALS—SEMESTER

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times...we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

College Prep · UC Approved Elective

WOMEN’S STUDIES: A PERSONAL JOURNEY THROUGH FILM—SEMESTER

Maybe you grew up watching movies with female characters like Cinderella, Belle, Snow White, or Ariel. Maybe you’ve wondered why there are stereotypes about women being bad drivers or ignorant about sports. Maybe you want to know about feminism and the women’s movement. The Introduction to Women’s Studies: A Personal Journey Through Film can help you answer these questions. Though it focuses on the experience of women, it’s appropriate for anyone who wants to learn to critically examine films while learning about the history of the women’s movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, “History is Herstory too.”

College Prep · UC Approved Elective

WORLD MYTHOLOGY

In World Mythology, students will explore creation myths, trickster tales and hero journeys from all around the globe. Each lesson will examine a different myth in an integrated study of history, culture, literature and the arts. From ancient Egypt to the Aztec empire, the Chinese to the Celts, students will study how myths are used and interpret their meanings. They will build on fundamental reading comprehension and analytical skills as they journey through museum exhibitions, visit archaeological digs and listen to traditional storytellers.

College Prep · NCAA Approved English

WORLD RELIGIONS: EXPLORING DIVERSITY—SEMESTER

Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

College Prep · UC Approved Elective