

eCcademy CRANES



Course Directory

2023-2024

Grades 7-12

"Opening Doors for All"

Mission Statement

The mission of eCademy Charter is to support our students in becoming life-long learners through flexible and individualized programs.

Vision Statement

The vision of eCademy Charter is to graduate responsible citizens who are college and career ready.

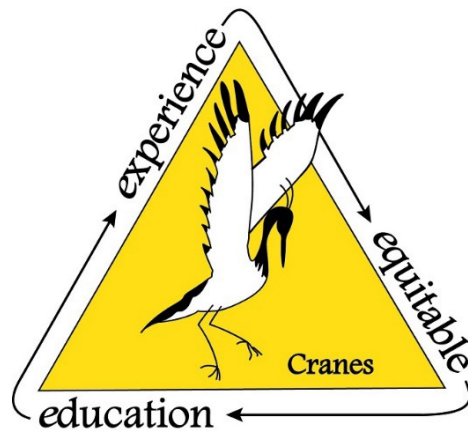
ESLOs Expected School Wide Learning Outcomes

All eCademy students will exhibit:

- C ommitment
- R espect
- A chievement
- N etworking
- E xpectation
- S uccess

Section 5 of Article IX of the State of California Constitution guarantees students a “free and public education.” The State Supreme Court concluded in 1984 case of *Hartzell v. Connell* (35 Cal.3d.899(1984)), “that all educational activities carried out by public school districts, extra-curricular as well as curricular, must be without cost to the students who participate in such activities.” This same ruling found that “mandatory fees for participating in such extra-curricular activities such as drama, music, and athletic competition were illegal under the State Constitution.” Furthermore, they also rejected the argument that “fees could be charged so long as the district waived fees for students who were financially unable to pay.”

eCademy Charter



eCademy Charter

eCademy Charter is an independent study alternative education program. It offers traditional independent studies via online learning and weekly meetings with a teacher. eCademy Charter is dependent of TUSD and aligns with its educational philosophy. eCademy has its own LCAP and serves students within and outside the district. eCademy Charter's goal is to educate students and ensure a high school diploma is acquired. Courses offered at eCademy follow the same protocols and follow a similar curriculum as other TUSD schools. We operate a semester system for high school courses and a quarter system for junior high school courses.

Objectives

- All students will incorporate technology, individually and collaboratively, to achieve their academic goals.
- Each student will set and achieve personal and academic goals.
- All students will develop and consistently demonstrate character traits necessary to be socially responsible and self-motivated citizens in our community.

Tactics

We will:

1. Provide access to materials and assignments that are technology-infused to better prepare students for post-secondary opportunities.
2. Advise and support students in setting and achieving their personal and academic goals.
3. Maintain a positive and inclusive environment that fosters personal responsibility and encourages positive character traits.
4. Educate the community about opportunities offered by eCademy Charter.

Course Offerings

Grades 7-8

The course directory is available for review to determine the type of course (Seat-based, online, traditional IS, concurrent) being offered.

****Course offerings are subject to change.***

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COURSE DESCRIPTIONS 7-8

EDGENUITY COURSES

STUDENTS ENROLLED IN ONLINE EDGENUITY CLASSES CAN EXPECT RIGOR AND MUST DEDICATE THEMSELVES TO AT LEAST 5-7 (FIVE TO SEVEN) HOURS OF ONLINE WORK, PER CLASS, EACH WEEK TO BE SUCCESSFUL. STUDENTS ARE REQUIRED TO ATTEND WEEKLY APPOINTMENTS WITH THEIR TEACHER. For 5 credits, 100% of the required material for the quarter must be completed. Additionally, the student must prove his/her knowledge and understanding of the coursework by completing and passing assignments, quizzes, and additional activities (if required).

ENGLISH

English Language Arts 7

Students grow as readers, writers, and thinkers in this middle school course. With engaging literary and informational texts, students learn to think critically, analyze an author's language, and cite evidence to support ideas. Students complete an in-depth study of Jack London's classic novel *White Fang* and read excerpts from other stories, poetry, and nonfiction. Explicit modeling and ample opportunities for practice help students sharpen their vocabulary, grammar, and listening skills. Students also respond routinely to texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

English Language Arts 8

In this course, students build on their knowledge and blossom as thoughtful readers and clear, effective writers. A balance of literary and informational texts engages students throughout the course in reading critically, analyzing texts, and citing evidence to support claims. Students sharpen their vocabulary, grammar, and listening skills through lessons designed to provide explicit modeling and ample opportunities to practice. Students also routinely write responses to texts they have read, and use more extensive, process-based lessons to produce full-length essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

MATHEMATICS

Math 7

This course begins with an in-depth study of proportional reasoning during which students utilize concrete models such as bar diagrams and tables to increase and develop conceptual understanding of rates, ratios, proportions, and percentages. Students' number fluency and understanding of the rational number system are extended as they perform operations with signed rational numbers embedded in real-world contexts. In statistics, students develop meanings for representative samples, measures of central tendency, variation, and the ideal representation for comparisons of given data sets. Students develop an understanding of both theoretical and experimental probability. Throughout the course, students build fluency in writing expressions and equations that model real-world scenarios. They apply their understanding of inverse operations to solve multi-step equations and inequalities. Students build on their proportional reasoning to solve problems about scale drawings by relating the corresponding lengths between objects. The course concludes with a geometric analysis of angle relationships, area, and volume of both two- and three-dimensional figures.

Math 8

The course begins with a unit on input-output relationships that builds a foundation for learning about functions. Students make connections between verbal, numeric, algebraic, and graphical representations of relations and apply this knowledge to create linear functions that can be used to model and solve mathematical and real-world problems. Technology is used to build deeper connections among representations. Students focus on formulating expressions and equations, including modeling an association in bivariate data with a linear equation, and writing and solving linear equations and systems of linear equations. Students develop a deeper understanding of how translations, rotations, reflections, and dilations of distances and angles affect congruency and similarity. Students develop rules of exponents and use them to simplify exponential expressions. Students extend rules of exponents as they perform operations with numbers in scientific notation. Estimating and comparing square roots of nonperfect squares to perfect squares exposes students to irrational numbers and lays the foundation for applications such as the Pythagorean theorem, distance, and volume.

SCIENCE

Integrated Science 7

This full-year integrated science middle school course focuses on introducing students to the study of matter and energy within the earth, life, and physical sciences. Students will explore atoms, chemical bonds, chemical reactions, matter and energy in Earth's spheres, ecology and environmental changes, plate tectonics, rocks and minerals, and Earth's surfaces and processes. As students refine and expand their understanding of science, they will apply their knowledge in investigations that require them to ask questions and explore the world around them. Throughout the course, students will also solve problems, reason abstractly, and learn to think critically.

Integrated Science 8

This full-year integrated science middle school course focuses on introducing students to the study of forces and motion, energy within a system, planets and solar system, electricity and magnetism, waves and their applications, genetics and natural selection, and the impact of human activity. As students refine and expand their understanding of science, they will apply their knowledge in investigations that require them to ask questions and explore the world around them. Throughout the course, students will also solve problems, reason abstractly, and learn to think critically.

SOCIAL STUDIES

World History 7

This Modern World History course presents a cohesive and comprehensive overview of world history from the Middle Ages to the modern era. This yearlong course examines the role of conflict and cooperation in shaping the modern world. Students will draw upon and further develop historical inquiry skills as they examine the expansion of global economic, political, and social interactions and question the impact they had, and continue to have, on cultures and nations. Students will explore the lasting effects that revolutions in government and technology have had on peoples, nations, and the environment. Students apply historical inquiry skills to studies of civilizations from the Middle Ages to the modern era. Students study economies and the growth of more complex trade systems, the cultures of and conflicts among peoples and places, the development of political institutions, and the rise and fall of governments. In later lessons, students examine how changes in the arts, technology, and political systems have had a lasting influence on modern civilization. Throughout the course, students analyze maps and primary sources to identify patterns and make connections across time and space. Students are exposed to diverse cultures and learn to explore the past with historical empathy. Students encounter rigorous reading and writing activities for a variety of purposes. These activities allow students to develop literacy and writing skills, as well as critical-thinking and communication skills.

US History 8

Offering an interactive and comprehensive overview of American history, this course engages and inspires students to learn about the rich and diverse history of America's native peoples, early European colonization and settlement in America, and the creation of a new nation through the American Revolution. Middle school students enrolled in this course will closely examine major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and consider the implications each of these events had on the expansion of the United States' global influence through modern times. Over the course of two semesters, interesting course content encourages students to think carefully about the challenges and opportunities facing the United States in the twenty-first century.

PHYSICAL EDUCATION

PE 7-8

Physical education requires personal accountability. Students will be responsible for fulfilling the requirements of the course, including completing and submitting all assignments and logs. In this program, the students' grade will be determined by completion of the objectives, and demonstrating completion in the work turned in. *A physically adult lifestyle requires individuals to initiate and monitor their own participation in physical activity on a regular basis. Family responsibilities, job scheduling, and individual choices all influence physical activity habits.*

GENERAL ELECTIVES

Art 7

In this year-long course, students will use a hands-on approach to learning about the Basic Elements of Art through art history. Students will explore a variety of mediums when completing projects. Students will also learn how to study art in the context of grade level history, completing analysis and basic critiques.

Keyboarding 8

The goal of this two-quarter course is to provide middle school students with an introduction to the principles of computer science, basic keyboarding skills, Internet safety and usage, and word processing applications. Using project-based instruction, students are introduced to the principles of word processing utilizing Microsoft Word and Google Docs while refreshing their keyboarding skills. This course will also help students to use computers effectively in their lives, thus providing a connection between computer science and business careers.

Online Learning and Digital Citizenship 8

This two-quarter course provides students with a comprehensive introduction to online learning, including how to work independently, stay safe, and develop effective study habits in virtual learning environments. Featuring direct-instruction videos, interactive tasks, authentic projects, and rigorous assessments, the course prepares students for high school by providing in-depth instruction and practice in important study skills such as time management, effective note taking, test preparation, and collaborating effectively online. By the end of the course, students will understand what it takes to be successful online learners and responsible digital citizens.

Personal Development/Social Emotional Learning 7 & 8

The Personal Development program utilizes **Character Strong**, an evidence based Social Emotional Learning (SEL) curriculum to help support social/emotional growth. Curricula focuses on character development and social-emotional skills to help students develop a stronger identity and purpose in school, their community, and in the world. Teacher/Clinician facilitation helps engage student participation through structured evidence-based lessons designed to promote personal growth and character development. Modifications to curriculum enhance student engagement and group cohesiveness. Goal of the program is "whole" child development (self-awareness, self-management, social awareness, relationship skills, responsible decision-making) and character development (patience, kindness, honesty, selflessness, humility, forgiveness, and commitment).

SPECIAL EDUCATION

Tutorial Resource Support

The course provides special education, 504 students, and students who are struggling in English Language Arts and Mathematics classes to work in individualized and/or small group setting to better meet the individual needs of students. The curriculum covers the same material covered in the general education classes, but in a small group or individual setting to meet the general education course requirements.

COUNSELOR SERVICES

The school counselor supports students with their academic, social, emotional, and career needs. The counselor also assists students and families with referrals to various agencies, such as counseling services, CSUS Mentoring Program, Jessica's House, and the C.A.R.E. Program etc.

Course Offerings

Grades 9-12

The course directory is available for review to determine the courses (Edgenuity) being offered. ****Course offerings are subject to change.***

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- Concurrent Enrollment Courses -

CTE/PE (NJROTC), Science, and Specific Elective Courses. *Offered only concurrently at THS & PHS. Attendance is required daily. Prior approval is required. Refer to THS & PHS Course Directories for courses offered.*

eCADEMY REQUIREMENTS FOR GRADUATION

Subject Area	Credits
English	40
Science Physical Science Life Science	10 10
Math (all students must pass Integrated Math I)	20
Social Sciences World History U.S. History American Government Economics	10 10 5 5
Physical Education	20
Visual & Performing Arts/Foreign Language	10
Electives	60
Total Credits for Graduation	200

COLLEGE ENTRANCE REQUIREMENTS

SUBJECT REQUIREMENTS (A-G)	<u>UC</u>	<u>CSU</u>
A. History/Social Sciences	2 years	2 years
B. English	4 years	4 years
C. Math **	3 years (4) *	3 years
D. Lab Science ***	2 years (3) *	2 years
E. Foreign Language ****	2 years (3) *	2 years
F. Visual/Performing Arts	1 year	1 year
G. College Electives	1 year	1 year
ALL COURSES FOR COLLEGE ENTRANCE REQUIREMENTS MUST BE PASSED WITH GRADE "C" OR BETTER		
<i>Note: eCademy currently does not meet the D & F subject requirements. Concurrent enrollment option available.</i>		

- * UC recommends extra year
- ** The math college requirement includes successful completion of a series of traditional/integrated math courses
- *** One year of a lab science and one year of physical lab science is required for college
- **** Must be at least two (2) years of the same foreign language

UC and CSU require SAT or ACT exams in addition to completing college preparatory course pattern. Students should consult individual post-secondary institutions to confirm whether they are required to secure SAT II subject test scores.

UC – University of California **CSU** – California State University

COURSE DESCRIPTIONS 9-12

 Indicates A-G courses that meet the requirements for CSU and UC entry and a high school diploma.

 Indicates CORE courses that meet the requirements for a high school diploma.

 Indicates course is offered A-G or CORE

EDGENUITY COURSES

STUDENTS ENROLLED IN ONLINE EDGENUITY CLASSES CAN EXPECT A CHALLENGING RIGOR AND MUST DEDICATE THEMSELVES TO AT LEAST 5-7 (FIVE TO SEVEN) HOURS OF ONLINE WORK, PER CLASS, EACH WEEK TO BE SUCCESSFUL. STUDENTS ARE REQUIRED TO ATTEND WEEKLY APPOINTMENTS WITH THEIR TEACHER. For 5 credits, 100% of the required material of the semester (quarter) must be completed. Additionally, the student must prove his/her knowledge and understanding of the coursework by completing and passing assignments, quizzes, and additional activities (if required).

ENGLISH

English 9

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

English 9 – Honors

This freshman honors English course invites students to explore a variety of diverse and complex texts organized into thematic units. Students will engage in literary analysis Honors 45 and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, research and critically analyze sources of information, and produce clear, coherent writing. In addition to activities offered to students in core courses, honors students are given additional opportunities to create and to participate in project-based learning activities, including writing a Shakespearean sonnet and creating an original interpretation of a Shakespearean play. Honors students will read a range of classic texts, including Homer's *The Odyssey*, Shakespeare's *Romeo and Juliet*, Jack London's "To Build a Fire" and Richard Connell's "The Most Dangerous Game." Students will also read Sue Macy's full length nonfiction work *Wheels of Change: How Women Rode the Bicycle to Freedom (With a Few Flat Tires Along the Way)* and will study a variety of short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

English 10

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

English 10 – Honors

This sophomore-year honors English course provides engaging and rigorous lessons with a focus on academic inquiry to strengthen knowledge of language arts. Honors reading lessons require analyzing complex texts, while concise mini lessons advance writing and research skills to craft strong, compelling essays and projects. Students will write argumentative and analytical essays based on literary texts, as well as an informative research paper using MLA style. Throughout the course, students read a range of classic and contemporary literary texts including Henrik Ibsen's *A Doll's House*, George Orwell's *Animal Farm*, and Marjane Satrapi's *Persepolis*. In addition to reading a wide range of literary texts, students read and analyze complex informational and argumentative texts including Sonia Sotomayor's "A Latina Judge's Voice," Niccolò Machiavelli's *The Prince*, and the contemporary informational text *Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science*.

English 11

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

English 11 – Honors

This junior-year honors English course invites students to delve into American literature from early American Indian voices through contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, including the full-length novel *The Awakening* by Kate Chopin. While critically reading fiction, poetry, drama, and expository nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, research and critically analyze sources of information, and produce clear, coherent writing. To round out the course, students will read a range of short but complex texts, including Henry David Thoreau's essay "Civil Disobedience," Floyd Dell's drama *King Arthur's Socks*, and works by Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

AP English Language and Composition 11

In this introductory college-level course designed to prepare students for the Advanced Placement exam, students advance their understanding of rhetoric and writing through the reading, analyzing, and writing of rhetorical texts. Throughout the course, students explore the basic tenets of writing and argumentation, such as rhetorical situation, claims and evidence, reasoning and organization, and style. Students will read and analyze a variety of nonfiction genres, including essays, journalism articles, political writings, science writings, nature writings, autobiographies, biographies, diaries, speeches, history writings, and criticisms from multiple perspectives and backgrounds. The primary focus is on writing evidence-based analytical, synthesis, and argumentative essays and analyzing the rhetorical choices of a wide range of nonfiction writers. In addition to explicit instruction and a variety of independent and collaborative learning opportunities, the course offers specific exam preparation lessons and practice.

English 12 - ERWC

This grad 12 English course is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction, poetry, and drama the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. Students will read a range of short but complex texts, including works by Walt Whitman, Abraham Lincoln, Cesar Chavez, Martin Luther King Jr., Langston Hughes, Julia Alvarez, Edna St. Vincent Millay, and Gary Soto.

AP English Literature & Composition 12

In this introductory college-level course designed to prepare students for the Advanced Placement exam, students develop the fundamentals of literary analysis and introductory college compositions. The course focuses on analyzing, evaluating, and interpreting literary fiction, poetry, and drama from a range of literary periods, authors, and perspectives. The diverse canon allows students to explore the function of character, setting, structure, narrator, and figurative language. Through a wide range of instruction and collaborative writing activities, students articulate their interpretation of literature through writing. The course includes exam preparation and practice that anticipates common student misconceptions.

MATHEMATICS

Math I

This course formalizes and extends middle-school mathematics, deepening students' understanding of linear relationships. Students will review relationships between quantities, to build from unit conversion to a study of expressions, equations, and inequalities. Students contrast linear and exponential relationships, including a study of sequences, as well as applications such as growth and decay. Students review one-, two-, and multi-step equations, formally reasoning about each step using properties of equality. Students extend this reasoning to systems of linear equations and quadratic equations. Students use descriptive statistics to analyze data before turning their attention to transformations and congruency theorems. Equation and figures in the coordinate plane assist in connecting Algebra and Geometry through coordinates. The structure and content of this course naturally guides students to experience mathematics as a rational, beneficial subject which challenges students to critically think through problem situations.

Math I – Honors

This rigorous honors-level full-year course formalizes and extends middle-school mathematics, by deepening students' understanding of linear relationships, introduces exponential and quadratic functions, uses descriptive statistics, and introduces Euclidean geometry. Students deepen their understanding through performance tasks and real-world applications. The additional performance-based skills allow the honors students to apply more of the concepts taught in the course, providing a solid foundation for collegiate level coursework.

Math II

This course begins by focusing on the extension of the number system. Students evaluate functions, touch on exponential functions, and explore the operations of polynomials. Next, nonlinear functions are covered before students complete a unit on factoring polynomials using various methods. The course continues with quadratic expressions, equations, and functions, comparing their characteristics and behavior to those of linear and exponential relationships from previous courses. As quadratic equations become more multifaceted, real, and complex numbers are introduced to extend the set of rational numbers which can be used to solve quadratic equations. Students also explore the link between probability, and data through conditional probability, two-way tables, and counting methods. Finally, this course challenges students to make connections between algebra and geometry as they study similarity, right triangle trigonometry and proofs, as well as circles with and without coordinates. Students can use coordinates to prove simple geometric theorems algebraically as well as analyze two- and three- dimensional figures. The content within this course allows students to practice problem solving and critical thinking as they attempt real-world scenario math problems.

Math II – Honors

This rigorous honors-level full-year course follows the same format as Math II. Students deepen their understanding through performance tasks and real-world applications. The additional performance-based skills allow the honors students to apply more of the concepts taught in the course, providing a solid foundation for collegiate level coursework.

Math III

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

Math III – Honors

This rigorous honors-level full-year course follows the same format as Math III. Students deepen their understanding through performance tasks and real-world applications. The additional performance-based skills allow the honors students to apply more of the concepts taught in the course, providing a solid foundation for collegiate level coursework.

AP Calculus

This college-level, yearlong course prepares students for the Advanced Placement (AP) Calculus AB Exam. Major topics of study in this full-year course include a review of pre-calculus, limits, derivatives, definite integrals, mathematical modeling of differential equations, and the applications of these concepts. Emphasis is placed on the use of technology to solve problems and draw conclusions.

Statistics and Probability

This full-year high school course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Algebra II and Pre-Calculus. The first half of the course begins with an in-depth study of probability and an exploration of sampling and comparing populations and closes with units on data distributions and data analysis. In the second half of the course, students create and analyze scatterplots and study two-way tables and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations, and permutations, and sets.

AP Statistics

This yearlong, college-level course is designed to prepare students for the Advanced Placement (AP) Statistics exam. Major topics of study include exploring one-and two-variable data, sampling, experimentation, probability, sampling distributions, and statistical inference. These topics are organized into three big ideas: variation and distribution, patterns and uncertainty, data-based predictions, decisions, and conclusions. **A-G Only.**

Mathematical Analysis – Honors

In this rigorous one semester course, students build upon their understanding of various aspects of functions: graphing, composition, inverses, modeling, and system. Throughout the course students make connections between geometry and algebra as they: use graphs to solve polynomial and rational functions; perform operations with complex numbers and vectors; use coordinate algebra to derive equations of ellipses and hyperbolas; and explore sequences, series, and limits of functions. The standards of mathematical practice are embedded throughout the course as students apply mathematical concepts in modeling situations, make sense of problem situations, solve novel problems, reason abstractly, and think critically.

SCIENCE

Biology and the Living Earth

This year-long course integrates the study of biology and biochemistry with the study of earth sciences. Students engage in the study of life and living organisms, and examine biology, biochemistry, and earth sciences in the real world. The first semester covers the units of Ecosystem Interactions and Energy, Earth's Atmosphere: Photosynthesis and Respiration, Evidence of Common Ancestry and Diversity, and Inheritance of Traits; while the second semester includes the units of Inheritance of Traits (part 2), Structure, Function, and Growth from Cells to Organisms, and Ecosystem Stability and Response to Climate Change. For each unit, there are virtual labs or projects to explore the topics in more depth. This course is aligned with the Next Generation Science Standards. The goals of these standards are to develop a thorough understanding of content as well as improve key skills like communication, collaboration, inquiry, problem solving, and creative thinking.

Biology and the Living Earth – Honors

This compelling full-year course engages students in a rigorous honors-level curriculum that emphasizes the study of life and its real-world applications. This course examines biological concepts in more depth than The Living Earth and provides a solid foundation for collegiate level coursework. Throughout the course, students participate in a variety of interactive activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing.

Chemistry in the Earth Systems *corequisite: Math II*

This rigorous full-year course integrates the study of matter with the study of earth sciences. This course engages students in the study of the composition, properties, changes, and interactions of matter. Through the lens of these concepts, students explore the earth sciences. The first semester covers the units of Combustion, Heat and Energy in the Earth System, and Atoms, Elements, and Molecules; second semester explores the units of Chemical Reactions, Chemistry of Climate Change, and The Dynamics of Chemical Reactions and Ocean Acidification. For each unit, there are virtual labs or projects to explore the topics in more depth. This course is aligned with the Next Generation Science Standards. The goals of these standards are to develop a thorough understanding of content as well as improve key skills like communication, collaboration, inquiry, problem solving, and creative thinking.

Chemistry in the Earth Systems – Honors *co-requisite: Math II*

This rigorous two-semester course provides students with an engaging honor-level curriculum that emphasizes mathematical problem solving and practical applications of chemistry. Topics are examined in greater detail than Chemistry in the Earth System to prepare students for college-level coursework. Throughout the course, students participate in a variety of interactive activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing.

Physics and the Universe *co-requisite: Math II*

This full-year course integrates the traditional concepts in physics with the study of earth sciences. The course leads students toward a clearer understanding of motion, energy, electricity, magnetism, and the laws that govern the physical universe using earth sciences as an example. As students refine and expand their understanding of physics, they will apply their knowledge in experiments that require them to ask questions and create hypotheses. The first semester covers the units of Forces and Motion, Forces at a Distance, and Energy Conversion and Renewable Energy; the second semester finishes the Energy Conversion and Renewable Energy unit and includes the Nuclear Process and Earth History, Waves and Electromagnetic Radiation, and Stars and the Origins of the Universe Unit. This course is aligned with the Next Generation Science Standards. The goals of these standards are to develop a thorough understanding of content as well as improve key skills like communication, collaboration, inquiry, problem solving, and creative thinking.

Physics and the Universe – Honors *co-requisite: Math II*

This rigorous full-year course provides students with an engaging honors-level curriculum that emphasizes abstract reasoning and applications of physics concepts to real-world scenarios. Topics are examined in greater detail than Physics in the Universe and provide a solid foundation for collegiate-level coursework. Throughout the course, students participate in a variety of interactive activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing.

SOCIAL STUDIES

World History, Culture, and Geography

This year-long course examines the major events and turning points of world history from early civilization to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives.

World History, Culture, and Geography – Honors

This yearlong honors course examines the major events and turning points of world history from the Enlightenment and the revolutions that followed, to imperialism and the World Wars, ending with a look at the modern world. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, while analyzing the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes such as social history, government systems, and the relationship between history and world economies, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students will deepen their understanding through projects and essays.

AP World History: Modern

This year-long, college-level course is designed to prepare students for the Advanced Placement (AP) World History: Modern exam. The goal of this course is to explore historical themes common to societies around the world and across time periods, from 1200 to the present day. Emphasis is placed on document analysis, historical thinking skills, reasoning processes, and essay writing. Students will demonstrate their understanding and acquisition of skills through written work, document-based questions, project-based activities, and practice exams.

US History and Geography

U.S. History is a yearlong course that examines the major events and turning points of U.S. history from the Industrial Revolution through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students' progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on our country's rise to global prominence. Students will also examine the influence of social and political movements on societal change and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and among multiple perspectives.

US History and Geography – Honors

From the Industrial Revolution through today's society, students will embark on a more rigorous yearlong study of our country's modern history. Students investigate the economic, political, and social revolutions that have transformed our country into the nation it is today. Units progress through the course by taking an in-depth look at events such as those surrounding our nation's expansion westward, civil rights in various eras, our nation's involvement in World War I and II, as well as cultural aspects of our society. From analyzing landmark Supreme Court decisions to writing about advancements in technology, students are better equipped to compare what happened in yesterday's world with what is going on in our modern era. Throughout this Honors course, students continuously analyze primary and secondary sources relating to the period of study. Incorporating activities from other disciplines gives students the opportunity to connect history to other subjects. Students read excerpts from novels like Upton Sinclair's *The Jungle*, and Geronimo's autobiography, *Story of His Life*. Activities such as writing about how the frontier is part of America's history and national character and analyzing various Presidents' speeches encourage students to perform throughout the course at a higher level.

AP US History

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

Principles of American Democracy

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its Amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. This course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy approaches. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

Principles of American Democracy – Honors

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process. The course culminates in an examination of public policy and the roles of citizens and organizations in promoting policy approaches. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing a full informative essay.

AP US Government & Politics

AP US Government and Politics is a semester-long, college-level course designed to prepare students for the Advanced Placement (AP) US Government and Politics exam. The goal of this course is to explore and analyze important concepts of US government and politics. By the end of this course, students will understand the US Constitution and political system. Students will demonstrate their understanding and acquisition of skills through written work, project-based activities, and practice exams.

Economics

This semester-long course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free enterprise system and the global economy, and personal finance strategies. Throughout this course, students apply critical thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

Economics – Honors

From creating graphs to reach equilibrium to learning to manage a bank account, students will take part in a more rigorous semester long study of the principles and processes of economics in the American system. Students begin with an introduction of basic economic concepts then move on to an in-depth study of microeconomic principles. Students showcase their understanding of supply, demand, and economic choices by completing a case study on starting a business. Students then turn to macroeconomic concepts, government policies, and entrepreneurship. With this foundation, students create a proposal for public policies and programs in a small developing nation. Students continue their study of Economics by examining global economic concepts such as trade barriers and agreements. This Honors course concludes with a unit on personal finance. Students will learn more about topics such as taxation, financial institutions, credit, and money management. Students extend their knowledge of personal financial planning by creating a successful budget. Throughout the course, economic theory is introduced, demonstrated, and reinforced through real-life scenarios and examples. In assignments and project-based lessons, students learn to apply critical thinking skills while making practical economic choices.

GENERAL ELECTIVES

Career Exploration

This full-year course prepares high school students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. This course is designed to provide flexibility for students; any number of units can be selected to comprise a course that meets the specific needs of each student's skills and interests.

Careers in Criminal Justice 1A: Introduction

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 in this one semester course and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order.

Careers in Criminal Justice 1B: Finding Your Specialty

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 one semester 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 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.

Career Planning and Development

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

Child and Family Skills

This course will highlight ways in which children and adolescents grow and develop physically, socially, emotionally, and intellectually. Students learn the way heredity, the environment, and current medical trends affect conception and prenatal development. Students become knowledgeable about the value of play and recreation, health and safety issues, and positive guidance and discipline techniques. Students will gain hands-on experience by participating in school and community projects.

Citizens Today (2.5 Credits)

Etiquette helps smooth the path of our daily activities, whether it's meeting others in our daily interactions, talking to someone on the phone, offering condolences properly, or understanding how to talk to peers and co-workers. In this class, you'll find out how to be the host with the most (and a guest with the best), offer someone your seat, deal with rude adults, navigate the digital divide, dress for any occasion, respond to cyberbullying, master the proper techniques for civilized spitting, scratching, sneezing, yawning, hiccupping and *much* more. Etiquette will teach you everything you need to know to move graciously through today's world.

Civics and Citizenship

Taking a next-generation approach to civics education, the Civics and Citizenship course teaches about US society and government from diverse perspectives. This course uses best practices in culturally relevant and culturally responsive education to equip students to navigate community and cultural norms and to critically analyze and influence their society. This semester-long course develops students' understanding of the relationships between individuals and their community and between people and their government. Students study the principles and founding ideals of the US government and apply a critical lens to analyze the application of these ideals in our modern society. Throughout the course, students are exposed to the work of activists and advocates for change to help foster a sense of civic responsibility and inspire students to get involved in their own communities. Engaging interviews bring students up close with community advocates, law enforcement officers, and teen activists, and cover topics such as paths to US citizenship, civic engagement, and advocacy. Media Literacy lessons explore the risks and benefits of social media and the role of mass media as the fourth branch of government. Students interact with mock social media posts and news articles to evaluate the bias and reliability of sources. Students increase their level of civic literacy through rigorous assignments and projects in which they apply source reading, focused writing, and critical thinking skills to community issues and concerns. Students research ways to become civically active and engaged to create change in their communities. Throughout the course, students have opportunities to practice and observe different types of civil discourse—one of the most fundamental tenets of a democratic society. They learn to listen, communicate, and solve problems with others in a variety of situations. (Recommended grades 9-10)

College & Career

College and Career Seminar is a one-semester course designed to help students learn and practice and develop valuable skills essential for college and career readiness. Students will demonstrate their understanding of career paths through a variety of assessments, projects, job simulations, speeches, research assignments, online portfolio, and a research paper. Students will identify academic interests, skills, values and personality types, research employers and industries, gain experience with public speaking and interview skills, familiarize themselves with college and job search tools, strengthen writing skills, learn goal setting, solidify research techniques, and write a research paper utilizing correct MLA format. Study skills (AVID-like) and basic technology skills will be included in this course.

Contemporary Health

This semester-long course designed for high school students examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships, and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine the practices and plans they can implement to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe health practices. In addition, students conduct in-depth studies to create mentally and emotionally healthy relationships with peers and family, and to devise healthy nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. *The Contemporary Health course does cover sensitive topics such as sexual intercourse, contraception, sex and gender, pregnancy, sexual harassment, physical violence, emotional abuse, sexually transmitted infections, and substance use and abuse.*

Creative Writing

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 one semester 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. (Requires teacher approval)

Criminology: Inside the Criminal Mind

Understanding the criminal mind is not easy. Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. In Criminology: Inside the Criminal Mind, you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life—psychological, biological, sociological—all of which have differing perspectives and influences. In this one semester course, you will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process. (Requires Teacher approval)

Driver's Education (2.5 credits) - Space is Limited

The course is online and requires most of the work to be completed at home. The course is divided into 4 chapters and has the latest animation, video, and web technology. The course content includes topics such as: driver responsibility, defensive driving techniques, common causes for traffic collisions, drinking and driving, teen risk taking, driving distractions and much more. Once completed, students receive a DMV approval certificate of completion and can move toward their next step which is a learner's permit and driver's license.

California Requirements for Driver's License – Under 18:

- Complete Driver's Education, Receive Certificate of Completion
- Submit application to DMV & pay licensing fee
- Pass written test & vision test at DMV
- Complete 6 hours of Driver's Training from a professional driving school
- Complete 50 hrs. of supervised practice with a CA, licensed Driver who is 25 yrs. or older. (10 hrs. must be at night)
- Have a permit for at least 6 months
- Pass road test at DMV

Early Childhood Education

Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children.

Environmental Science

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many different aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester. (Grades 11-12)

Family and Community Service

Family and Community Services is a high school semester-long course that introduces applications within professions related to family and community services. Students identify degree and credential requirements for occupations in this pathway and identify individual, social, historical, economic, and cultural context to increase awareness of family and community services. Students develop the abilities necessary to evaluate and identify a range of effective communication strategies and skills for establishing a collaborative relationship with others. Students also complete a variety of projects to apply their skills and knowledge. Units are divided among career fields: Social Workers, Emergency Management and Planners, Therapists and Treatment Specialists, Education and Childcare.

Financial Math

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions. (Recommend grades 11-12)

Food Safety and Sanitation

This comprehensive semester-long course covers the principles and practices of food safety and sanitation that are essential in the hospitality industry for the protection and well-being of staff, guests and customers. The course provides a systems approach to sanitation risk management and the prevention of food contamination by emphasizing the key components of the Hazard Analysis Critical Control Point (HACCP) food safety system. After successful completion of this course, students are prepared to meet the requirements of state and national certification exams.

Introduction to Agriculture, Food, and Natural Resources

This semester-length high school course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, “green” technologies, agribusiness principles, and sustainability systems. In this course, students apply understanding of ecosystems and systems thinking to the management of natural resources to maximize the health and productivity of the environment, agriculture, and communities. Students also analyze community practice or policy development related to sustainability in agriculture, food, and natural resources. Finally, students apply adaptive ecosystem management to a common pool resource problem in a manner that addresses ecological, socioeconomic, and institutional contexts.

Introduction to Careers in Education and Training

Introduction to Careers in Education and Training is a semester-long course that introduces students to the field of education and training, and the opportunities available for early-childhood through adult and continuing education. Students gain an understanding of the career options available in teaching, administrative work, and support services. They also explore the education and background experience needed to succeed in these careers. Students learn about the evolution of the modern educational system in the United States, and the policies and laws that govern educational institutions. They also discover the similarities and differences between the ethical and legal obligations of working with adults versus working with children.

Introduction to Careers in Finance

Introduction to Careers in Finance is a semester-long course that provides the fundamentals of the financial services industry in the United States and explores the jobs and career opportunities that the industry offers. Course units address a broad set of services in the industry including finance overview, financial services, securities analysis, investments, principles of corporate finance, banking services, risk management, and insurance.

Introduction to Careers in the Health Sciences

This semester-long course is an overview of health careers and overriding principles central to all health professions. The course provides a foundation for further study in the field of health science. Upon completion of the course, students can discuss potential career choices and have an understanding of basic concepts that apply to these different choices such as science and technology in human health, disease, privacy, ethics and safety. Essential skill development, such as communication and teamwork, are also addressed.

Introduction to Communications & Speech I

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this full-year course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches in the course.

Introduction to Communications & Speech II

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this full-year course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches in the course.

Introduction to Consumer Services

In this semester-long course, students analyze various career paths in terms of employment opportunities and educational requirements, such as hard and soft skills, certifications, and licensures for different pathways. Developing research, analytical, and presentations skills are key components. This course is designed as an overview to prepare students for a consumer service-related career and to introduce them to specialty areas. Emphasis is placed on the human services aspect (vs. corporate concerns) of consumer services. Social issues and advocacy, as well as ethics and legalities, are a recurring theme. Students gain knowledge of current issues affecting various consumer services professions, and the impact of local, state, national and global issues on consumer services.



Introduction to Human Services

This semester-long course introduces high school students to the possibilities for careers in the human services professions. Through anecdotes, lessons, and a variety of assignments and projects, students learn about the broad variety of jobs available in the human services. These begin with entry-level positions, such as associate social workers, that require a two-year Associate of Arts degree. Students also learn ethics and philosophies of the helping professions. The history of the profession, as well as the impact of the cultural, social, and economic environment on individual people, especially those who need social services assistance, is also explored.

Journalism: Investigating the Truth

If you're the first to know what's going on in your school or town, or the first to post on Facebook or Instagram about your favorite TV shows or favorite celebrities, then you're just the person that every online, in-print, and broadcast news outlet is looking for. And Journalism: Investigating the Truth is the perfect course for you! In this course, you'll learn how to write a lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You'll also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career. (Requires teacher approval)

Keyboarding and Applications

Keyboarding and Applications is a semester-long course that teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. Students learn proper keyboarding techniques. Once students have been introduced to keyboarding skills, lessons include daily practice of those skills. Students gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, students apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations. Required materials:  Word-processing software (e.g., MS Word)  Presentation software (e.g., MS PowerPoint)

Literacy and Comprehension I

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

Literacy and Comprehension II

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

Military Careers

You've probably seen an old movie about a hotshot naval aviator, or perhaps a more recent film about the daring actions of Special Forces operatives. But do you really know what careers the military can offer you? Introduction to Military Careers will provide the answers. The military is far more diverse and offers many more career opportunities and tracks than most people imagine. In Introduction to Military Careers, you'll learn not only about the four branches of the military (and the Coast Guard) but also about the types of jobs you might pursue in each branch. From aviation to medicine, law enforcement to dentistry, the military can be an outstanding place to pursue your dreams. (Requires teacher approval)

Myths

This course will introduce students to the myths of Ancient Greece and Rome. Students will explore how these myths inform us about the Greek and Roman religion, literature, and societies and how these myths influence our society today. As students complete this course, students will develop an understanding and appreciation for Greek and Roman cultures and gain an understanding and appreciation for the importance of mythology. In course A, students will complete an academic project that demonstrates their understanding of the myths and customs through an original and creative medium. In course B, students will complete an academic research paper that explores how mythology informs us about Greek or Roman religion, literature, or society.

Personal Development/Social Emotional Learning 9-12

The Personal Development program utilizes **Character Strong**, an evidence based Social Emotional Learning (SEL) curriculum to help support social/emotional growth. Curricula focuses on character development and social-emotional skills to help students develop a stronger identity and purpose in school, their community, and in the world. Teacher/Clinician facilitation helps engage student participation through structured evidence-based lessons designed to promote personal growth and character development. Modifications to curriculum enhance student engagement and group cohesiveness. Goal of the program is “whole” child development (self-awareness, self- management, social awareness, relationship skills, responsible decision-making) and character development (patience, kindness, honesty, selflessness, humility, forgiveness, and commitment).

Personal Finance

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

Psychology

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

AP Psychology

Psychology will introduce students to the systematic study of the behavior and mental processes of human means and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major fields within psychology. Students also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Psychology exam.

Public Speaking

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero’s views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use. (Requires teacher approval)

Social Media: Our Connected World

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 various social media platforms is crucial to survive and thrive in this age of digital communication. In this course, you'll learn the ins and outs of social media platforms such as Facebook, Twitter, Pinterest, Google+, and more. You'll also discover other types of social media you may not have been aware of and how to use them for your benefit—personally, academically, and eventually professionally as well. 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. (Requires teacher approval)

Social Problems I: A World in Crisis

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. (Requires teacher approval)

Social Problems II: Crisis, Conflicts & Challenges

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 social problems 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. (Requires teacher approval)

Sociology

Providing insight into the human dynamics of our diverse society, this is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

Strategies for Academic Success

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

Veterinary Science: The Care of Animals

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Looking 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. (Requires teacher approval)

World Cultures and Geography

Designed to introduce students to the study of geography, this course helps students master important concepts in physical and human geography. Comprehensive and organized by region, this two-semester middle school course helps students understand the Earth's physical and human diversity. Students analyze population and settlement patterns and evaluate the ways that human activities modify the physical environment. While studying humans around the world, students compare development, standards of living, systems of government, and economic factors across the globe. In addition, students gain a rich understanding of global cultures and the historical factors that have shaped the world around them. All units in the course are parallel and include study in physical and human geography, ancient cultures, regional studies, and modern issues.

VISUAL PERFORMING ARTS

Art History

In this project-based class, students will learn the basic vocabulary with which to discuss works of art and the history of art from pre-historic times to the late 20th century. Students will read and write about art and produce art works of their own making.

Digital Art

This is a semester-long course that presents high school students with an overview of the different types of digital media and how they are used in the world today. This course examines the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces several different careers related to digital media. Students learn about the tools used as well as best practices employed for creating digital media. In the course, students explore topics such as the use of social media, digital media in advertising, digital media on the World Wide Web, digital media in business, gaming and simulations, e-commerce, and digital music and movies. Students also review the ethics and laws that impact digital media use or creation.

MS Exploring Music *

Learn about how we hear music, its history and culture, and how it affects our lives. Explore the elements of music, such as rhythm, pitch, and harmony, while discovering more about musical genres, singing and your voice, instruments, and musical composition. Tune up understanding and appreciation for all things musical. (Requires teacher approval)

*** Course meets both F & G areas for UC/CSU entrance**

Music Appreciation: The Enjoyment of Listening

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 Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying. (Requires teacher approval)

Visual Arts *

Incorporating both art appreciation and art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Visual Arts provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology, and principles of design, and two- and three-dimensional media and techniques. Students will imagine, plan, and make artistic works that explore these themes. Tracing the history of art, students will interpret intent and meaning in artistic work from prehistoric to modern times.

 *** Course meets both F & G areas for UC/CSU entrance**

WORLD LANGUAGES

Spanish I

Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. Each Unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading, and listening comprehension activities, speaking, and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Spanish II

Students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. Each Unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading, and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Spanish III

In this expanding engagement with Spanish, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading, and listening comprehension activities, speaking, and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

AP Spanish Language and Culture

Spanish Language and Culture is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical, and communication skills. The course prepares students for the AP Spanish Language and Culture Exam. It uses as its foundation the three modes of communication (interpersonal, interpretive, and presentational) as defined in the Standards for Foreign Language Learning in the Twenty-First Century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. In addition, all student work, practices, projects, participation, and assessments are in Spanish. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. In addition, students participate in a forum where they can share their opinions and comments about various topics and comment on other students' posts. The course also makes great use of the Internet for updated and current material.

French I

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

French II

Students continue their introduction to French in this second-year, high school language course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading, and listening comprehension activities, speaking, and writing activities, cultural presentations covering major French-speaking areas | across the globe, and assessments. **Transfer students only.**

French III

In this expanding engagement with French, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in French and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading, and listening comprehension activities, speaking, and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and the Americas. **Transfer students only.**

21st CENTURY SKILLS

College and Career Seminar

This is a one-semester course designed to help students learn, practice, and develop valuable skills essential for college and career readiness. Students will demonstrate their understanding of career paths through a variety of assessments. Students will identify academic interests, skills, values and personality types, research employers and industries, gain experience with public speaking and interview skills, familiarize themselves with college and job search tools, strengthen writing skills, learn goal setting, and solidify research techniques.

Health and Character Education

The health component is designed to assist students with becoming health-literate individuals who can obtain accurate information, develop lifelong positive health-related attitudes and behaviors, and make wise decisions related to their personal health. The focus of this course is to empower students with the knowledge and skills to be their own health advocate. Topics discussed include personal and community health, mental, emotional, and social health, nutrition and physical activity, alcohol, tobacco, and other drugs, and growth, development, and sexual health. Character development, based on 18-character traits, analysis of ethical dilemmas, leadership skills, use of role models and learning digital citizenship will also be included in this course. Good Health-Good Character.

PHYSICAL EDUCATION

Physical education requires personal accountability. Students will be responsible for fulfilling the requirements of the course, including completing and submitting all assignments and logs. In this program, the students' grade will be determined by completion of the objectives, and demonstrating completion in the work turned in. *A physically adult lifestyle requires individuals to initiate and monitor their own participation in physical activity on a regular basis. Family responsibilities, job scheduling, and individual choices all influence physical activity habits.*

SPECIAL EDUCATION

Tutorial Resource Support

The course provides special education, 504 students, and students who are struggling in English Language Arts and Mathematics classes to work in individualized and/or small group setting to better meet the individual needs of students. The curriculum covers the exact same material that is covered in the general education classes, but in a small group or individual setting to meet the general education course requirements.

COUNSELOR SERVICES

eCademy has a full-time counselor who meets with students on a regular basis to develop/update a 4-year plan for high school graduation as well as develop post-secondary goals. The counselor provides academic guidance, coordinates workshops, college campus tours, presentations related to financial aid and college matriculation process. The counselor assists students and families with referrals to various agencies, such as counseling services, Jessica's House, and the C.A.R.E. Program etc.