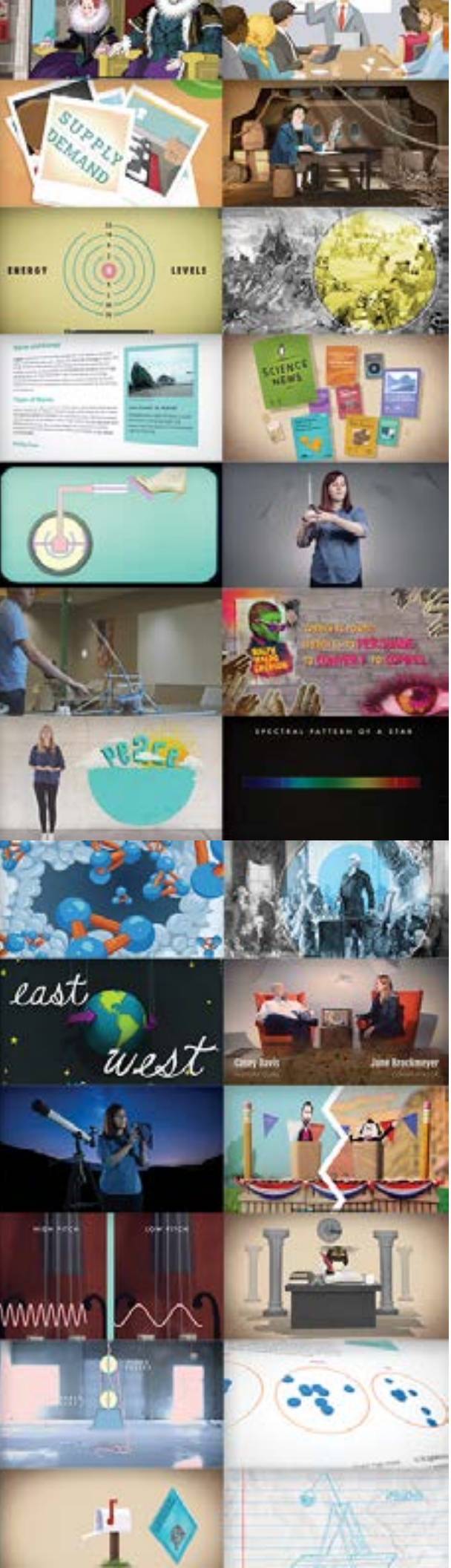

strongmind℠

2025–2026
Course Catalog

GRADES 9–12

Table of Contents

StrongMind is committed to the **Quality Matters** mission of creating and maintaining high quality courses for online learning. You can see our list of approved courses here.

Career Explorations Collection
This collection of courses introduces students to a variety of careers and equips them with the foundational skills, knowledge, and experiences needed to explore future opportunities. Whether preparing for entry into the workforce, further training, or postsecondary study, these courses help students gain confidence, discover interests, and build readiness for life beyond high school.

♡ English Language Arts

ENGLISH 9

Grade: 9

Prerequisite(s):
English 8 or equivalent

Course Intro Video

English 9 (1 of 2) explores reading, writing, and analysis using both informational and literary texts, as well as comparison of texts in different mediums. Readings include The Princess and the Goblin by George MacDonald, and others to demonstrate understanding of textual evidence, themes, central ideas, inferences, word choice, figurative and connotative language; and grammar and usage. Writings include a personal narrative (memoir) and a literary analysis.

Grade: 9

Prerequisite(s):
English 9 First Semester

Course Intro Video

English 9 (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand and other texts of varying time periods to demonstrate concepts such as textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses, culminating in an informational essay and an argument essay.

Also available as a Spark course.

ENGLISH 9 HONORS

Grade: 9

Prerequisite(s):
English 8 or equivalent

Course Intro Video

English 9 Honors (1 of 2) explores reading, writing, and analysis using both informational and literary texts, as well as comparison of texts in different mediums. Readings include The Princess and the Goblin by George MacDonald and others to demonstrate understanding of textual evidence, themes, central ideas, inferences, word choice, figurative and connotative language; and grammar and usage. Writings include a personal narrative (memoir) and a literary analysis. Honors includes additional examples and practice for students.

Grade: 9

Prerequisite(s):
English 9 Honors First Semester

Course Intro Video

English 9 Honors (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand and other texts of varying time periods to demonstrate concepts such as textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses, culminating in an informational essay and an argument essay. Honors includes additional examples and practice for students.

ENGLISH 10

Grade: 10

Prerequisite(s):
English 9 or equivalent

Course Intro Video

English 10 (1 of 2) examines reading, writing, and analysis of informational texts, argument texts, and videos to demonstrate understanding of explicit and inferred meaning; textual evidence, central ideas, arguments and claims, organizational structures, figurative and rhetorical language; and the effect of word choice on tone. Skill building focuses on spelling, grammar, usage, punctuation, domain-specific vocabulary, context clues, and affixes. Writing topics include an informational essay and an argument essay.

Grade: 10

Prerequisite(s):
English 10 first semester

Course Intro Video

English 10 (2 of 2) explores reading, writing, and analysis of literary texts from around the world and across history. Readings include Antigone by Sophocles and others to demonstrate understanding of textual evidence, themes, inferences, characterization, figurative language, figures of speech, and literary devices; as well as building foundational knowledge of context clues, word nuances, affixes, phrases, clauses, and parallel construction. Writing topics include a literary analysis essay and a personal narrative essay.

Also available as a Spark course.

ENGLISH 10 HONORS

Grade: 10

Prerequisite(s):
English 9 honors or equivalent

English 10 Honors (1 of 2) investigates the writing and discourse processes while supplementing them with the reading and grammar strategies necessary to comprehend and compose nonfiction texts. Exploration of language skills in writing topics include researching, organizing, and developing descriptive, persuasive narrative, and expository compositions. Honors includes additional examples and practice for students.

Grade: 10

Prerequisite(s):
English 10 honors first semester

Course Intro Video

English 10 Honors (2 of 2) explores literature from multiple eras and cultures. Readings include epic poetry, folktales, ancient verses, Greek tragedy such as Antigone by Sophocles, short stories, and excerpts from novels to examine language, ideas, characters, and literary elements. Exploration of evidence, context clues, symbolism, affixes, and denotative and connotative meanings are provided in short research and writing projects. Writing topics also include a character analysis and a personal narrative. Honors includes additional examples and practice for students.

ENGLISH 11

Grade: 11

Prerequisite(s):
English 10 or equivalent

Course Intro Video

English 11 (1 of 2) examines reading, writing, and analysis using both informational and argument texts. Readings include seminal US texts such as “What to the Slave Is the Fourth of July?” by Frederick Douglass, speeches, court documents, and scientific articles to explore textual evidence, central ideas, inferences, word choice, figurative language, spelling, hyphens, contested usage, figures of speech, and reference materials. Writing topics include a researched informational essay and a researched argument essay.

Grade: 11

Prerequisite(s):
English 11 first semester

Course Intro Video

English 11 (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include poetry and drama, such The Crucible by Arthur Miller to demonstrate literary elements of plot, setting, character, themes, and central ideas. Comparing works from different time periods, reviewing context and word nuances, and learning about punctuation, style manuals, phrases, clauses, and parallel structure to improve reading and writing skills. Writing topics include a fictional narrative and a literary analysis.

Also available as a Spark course.

ENGLISH 11 HONORS

Grade: 11

Prerequisite(s):
English 10 Honors or equivalent

English 11 Honors (1 of 2) examines seminal US documents ranging from Thomas Paine’s Common Sense through contemporary speeches by the President, among other texts to demonstrate knowledge of the use of rhetorical devices, inference, symbolism, bias, and the drawing of conclusions. The course focuses on argument and persuasion through formal speaking and writing.

Honors includes additional examples and practice for students.

Grade: 11

Prerequisite(s):
English 11 Honors first semester

English 11 Honors (2 of 2) explores American writers and the historical events that influenced their works. Reading selections include The Red Badge of Courage by Stephen Crane, works the following eras and influences: Transcendentalism, Romanticism, American Gothic, American Civil War, Regionalism, Realism, Naturalism, Imagist, Harlem Renaissance, and Modernism. The course emphasizes critical and analytical thinking as well as reading and writing skills.

Honors includes additional examples and practice for students.

ENGLISH 12

Grade: 12

Prerequisite(s):
English 11 or equivalent

Course Intro Video

English 12 (1 of 2) explores analysis of informational and argument texts. Readings include seminal US texts such as the Declaration of Independence, presidential speeches, court documents, and articles related to innovative technology to demonstrate rhetoric, figurative language, theme, purpose, specialized vocabulary, text structure, word nuances, inferences, research, evidence, and reference sources. In addition, students learn about context clues, contested usage, and syntax errors. Writings include a researched informational essay and a researched argument essay.

Grade: 12

Prerequisite(s):
English 12 first semester

Course Intro Video

English 12 (2 of 2) analyzes narrative texts from British literature—from the Middle Ages through modern times. Demonstrated skills include explicit and implicit meanings, figurative language, literary devices, central ideas, themes, and narrative and structural elements. Writings include a fictional narrative in the style of Gothic Romanticism and a literary analysis comparing and contrasting two British literature texts of different eras.

Also available as a Spark course.

ENGLISH 12 HONORS

Grade: 12

Prerequisite(s):
English 11 Honors or equivalent

Course Intro Video

English 12 Honors (1 of 2) explores rhetoric using informational texts, including seminal US documents that shaped legal and social policy to examine reasoning including the chain of legal reasoning. Honors includes additional examples and practice for students.

Grade: 12

Prerequisite(s):
English 12 Honors first semester

Course Intro Video

English 12 Honors (2 of 2) synthesizes knowledge and uses critical thinking to analyze narrative texts from British literature across different eras — from the Middle Ages through modern times. Students read Frankenstein by Mary Shelley along with works by British writers such as Shakespeare and Tolkien. These reading selections demonstrate concepts such as narrative elements and structures, literary devices such as symbolism and sarcasm; and inference.

Topics include: vocabulary, context clues, word choice, and affixes. In addition, students write a fictional narrative and a literary analysis. Honors includes additional examples and practice for students.

AP® ENGLISH LANGUAGE & COMPOSITION

Grade: 9-12

Prerequisite(s):
English 9, English 10, English 11

Developed by a third party

Required Materials:

1. Everything's an Argument, with Readings (9th Edition) ISBN: 9781319413248
2. Princeton Review AP English Language & Composition Premium Prep 2024 ISBN-13: 978-0593517611

This course helps students prepare to take the Advanced Placement Language and Composition Exam™ administered by the College Board. The first semester focuses on the concepts and skills needed to analyze argumentative texts and to build solid arguments — starting with the choices that experienced authors make when they write to persuade an audience. Students learn and Apply best practices for constructing, revising, and refining their own arguments. Writing assignments in Semester A include rhetorical analyses of straightforward written arguments as well as satirical texts and visual approaches to persuasion. Students will be asked to develop several formal argumentative essays and also to practice new skills by writing less formal journal entries throughout the semester. The pace and level of work required by this course is similar to that required in a college-level composition course, so students should be prepared to work independently and to complete all assignments in a way that makes good use of their time.

**This course requires additional software or materials to be purchased by the school.*

Grade: 9-12

Prerequisite(s):
English 9, English 10, English 11

Developed by a third party

Required Materials:

1. Everything's an Argument, with Readings (9th Edition) ISBN: 9781319413248
2. Princeton Review AP English Language & Composition Premium Prep 2024 ISBN-13: 978-0593517611

The second semester of AP English Language and Composition focuses on writing tasks that require synthesis and documentation. Students will analyze many examples of synthesis essays and apply what they learn as they create their own texts based on multiple sources. They will also take a closer look at the use of visual and multi-modal or multimedia evidence when used as support for an argument, and they'll consider how to incorporate these unique approaches into their own attempts at persuasion. Semester B will ask students to work toward improving and refining the style with which they deliver arguments, including the use of rhetorical devices, varied syntax, and grammatical concepts essential to academic discourse. Writing assignments in Semester B include the analysis and construction of multimedia arguments, studies in style, and research-based projects that require the synthesis of information and ideas. As in Semester A, the pace and level of work required by this course is advanced and substantial, so students should be prepared to work independently and thoroughly on all assignments.

**This course requires additional software or materials to be purchased by the school.*

AP® ENGLISH LITERATURE & COMPOSITION

Grade: 9-12

Prerequisite(s): English 9, English 10, English 11

Developed by a third party

Required Materials:

1. Primary Textbook: Perrine's Literature: Structure, Sound, and Sense 13th Edition, 2017 – Greg Johnson, Thomas Arp
   ISBN-13: 978-1305971035
   ISBN-10: 1305971035
2. Crime and Punishment by Fyodor Dostoevsky
   Students are required to read this novel before the start of the course.
3. Princeton Review AP English Literature & Composition Prep, 2024
   ISBN-10: 0593517113
   ISBN-13: 978-0593517116

Both semesters of AP English Literature and Composition have been designed to challenge students to read and interpret a wide range of literary works. This course allows students to explore a variety of genres and literary periods and to write clearly about the literature that they encounter. By the end of the second semester, the student will be well prepared for the AP examination and will have acquired analytical skills that will be used throughout life. The first semester of this course focuses on the elements of fiction. The student will spend a considerable amount of time reading and analyzing a variety of short stories and novels. The student will evaluate how the elements of plot analysis, characterization, theme, point of view, symbolism, allegory, irony, and humor work together to create a story or novel that is worthy of literary acclaim. In addition to reading, the student will complete a wide variety of writing pieces in order to develop better writing skills in the following areas: narrative, exploratory, expository, and argumentative.

*This course requires additional software or materials to be purchased by the school.

Grade: 9-12

Prerequisite(s): English 9, English 10, English 11

Developed by a third party

Required Materials:

1. Primary Textbook: Perrine's Literature: Structure, Sound, and Sense 13th Edition, 2017 – Greg Johnson, Thomas Arp
   ISBN-13: 978-1305971035
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*This course requires additional software or materials to be purchased by the school.

Mathematics

PRE-ALGEBRA

Grade: 6-9

Prerequisite(s):
None

Course Intro Video

Pre-Algebra is a one-semester math course to build algebraic foundation to prepare students for Algebra I. Topics include: reviewing integers and rational numbers, properties of numbers and working with exponents and roots, mastering the order of operations, variables, how to simplify expressions and solve multi-step equations, lines and linear equations, ordered pairs, the coordinate plane, and graphs.

ALGEBRA 1

Grade: 9-12

Prerequisite(s):
Math 8

Course Intro Video

Algebra 1 (1 of 2) explores the application of properties to simplify expressions with exponents and radicals; relationships between rational and irrational numbers; solving linear equations and inequalities; applying knowledge of linear equations and inequalities to solve and graph systems of linear equations and inequalities; applying operations on polynomials; factoring quadratic expressions; and solving quadratic equations using different methods.

Grade: 9-12

Prerequisite(s):
Algebra 1 first semester

Course Intro Video

Algebra 1 (2 of 2) explores the analysis of different types of functions presented as equations, graphs, tables, and verbal descriptions; identifying key features applied to real-world problems; using key features to compare different types of functions; transformations of functions; statistics; interpreting and analyzing data sets; as well as causation and correlation.

Also available as a Spark course.

ALGEBRA 1 HONORS

Grade: 9-12

Prerequisite(s):
Math 8

Course Intro Video

Algebra 1 Honors (1 of 2) explores algebraic problems and applies the knowledge to real-life situations. Topics include: linear inequalities; forms of linear equations; relating linear equations and functions; solving systems of equations and systems of inequalities; interpreting solutions mathematically and contextually; statistics; measures of central tendency; relative frequencies; and scatter plots.

Grade: 9-12

Prerequisite(s):
Algebra 1 Honors first semester

Course Intro Video

Algebra 1 Honors (2 of 2) explores functions by exploring new families of functions, the effect of different transformations, and key features of graphs and how they compare functions represented in different ways. Additional topics include: polynomials on quadratics, quadratic equations and their graphs, various methods of factoring and solving quadratic equations, exponential growth and decay, and how linear, quadratic, and exponential functions compare to one another.

One Semester Course NEW! Spark Course Career Explorations Collection

GEOMETRY

Grade: 9-12

Prerequisite(s):
Algebra 1

Course Intro Video

Geometry (1 of 2) explores writing formal proofs and constructing geometric figures. Topics include: transformations to explain the concepts of congruent and similar figures, with a focus on the properties of congruent and similar triangles. Properties are proved with postulates, theorems, and formal proofs, as well as trigonometric ratios and their applications to real-world situations.

Grade: 9-12

Prerequisite(s):
Geometry 1 first semester

Course Intro Video

Geometry (2 of 2) explores writing formal proofs and constructing geometric figures. Topics include: slopes, midpoints, distance formula with a focus on their applications in coordinate proofs, theorems about circles and concepts related to circles; and two- and three-dimensional figures and probability.

Also available as a Spark course.

GEOMETRY HONORS

Grade: 9-12

Prerequisite(s):
Algebra 1 Honors first semester

Course Intro Video

Geometry Honors (1 of 2) examines congruence, proofs, and constructions to prove statements about lines, angles, triangles, and quadrilaterals; applies the knowledge of transformations to learn a formal definition for similarity to write proofs, introduces trigonometry through its connection to the concept of similarity, deriving and using formulas for the areas and volumes of two-and three-dimensional figures; and they investigate cross sections and solids of revolutions.

Grade: 9-12

Prerequisite(s):
Honors Geometry 1 first semester

Course Intro Video

Geometry Honors (2 of 2) explores the Pythagorean theorem, distance formula, midpoint formula, and slope formula to solve geometric problems and develop coordinate proofs. Topics include: understand and apply theorems about circles to find arc lengths and areas of sectors of circles; apply the distance formula to write equations of circles in the coordinate system; and understand the concepts of permutations and combinations to explore the concept of probability.

ALGEBRA 2

Grade: 9-12

Prerequisite(s):
Algebra 1 & Geometry

Course Intro Video

Algebra 2 (1 of 2) explores solving quadratic equations with complex solutions and performs operations on polynomials; uses polynomial identities to solve problems; analyzes polynomial functions using different representations; solves polynomial equations graphically; works with rational functions; and performing arithmetic operations on rational functions to graph them.

Grade: 9-12

Prerequisite(s):
Algebra 2 first semester

Course Intro Video

Algebra 2 (2 of 2) explores radical equations, rewriting expressions involving radicals, and graphing and solve radical equations. Concepts of trigonometry include ratios and using the unit circle to understand them, graphing sine, cosine, and tangent functions; and explores key features to prove and apply trigonometric identities.

Also available as a Spark course.

ALGEBRA 2 HONORS

Grade: 9-12

Prerequisite(s):
Algebra 1 Honors &
Honors Geometry

Course Intro Video

Algebra 2 Honors (1 of 2) explores polynomial, rational, radical, and trigonometric functions, solving equations, including quadratic equations over the complex numbers, as well as rational and radical equations.

Grade: 9-12

Prerequisite(s):
Algebra 2 first semester

Course Intro Video

Algebra 2 Honors (2 of 2) explores modeling real-life situations with equations and inequalities, solving exponential equations with logarithms, synthesizing and generalizing a variety of functions families; how to make probability decisions, and how to use statistics and sampling processes to understand data sets and answer questions about samples and populations.

INTEGRATED MATH I

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

In Integrated Math 1 (1 of 2), students use arithmetic properties of subsets of integers, rational, irrational and real numbers by simplifying expressions, solving linear equations and inequalities, graphing equations, finding the equation of a line, working with monomials and polynomials, and factoring and completing the square. Students use properties of the number system to judge the validity of results, justifying each step of the procedure to prove or disprove statements. Students compute perimeter, circumference, area, volume, and surface area of geometric figures. Students also use basic trigonometric functions defined by the angles of a right triangle.

Grade: 9-12

Prerequisite(s):
Integrated Math 1 first semester

Developed by a third party

In Integrated Math 1 (2 of 2), students use arithmetic properties of subsets of integers, rational, irrational and real numbers by simplifying expressions, solving linear equations and inequalities, graphing equations, finding the equation of a line, working with monomials and polynomials, and factoring and completing the square. Students use properties of the number system to judge the validity of results, justifying each step of the procedure to prove or disprove statements. Students compute perimeter, circumference, area, volume, and surface area of geometric figures. Students also use basic trigonometric functions defined by the angles of a right triangle.

INTEGRATED MATH II

Grade: 9-12

Prerequisite(s):
Algebra 1 or Integrated Math 1

Developed by a third party

(1 of 2) Students begin the course learning about the algebraic concepts of functions, equations, inequalities, and complex numbers. They explore exponential and radical expressions, work with polynomials, and apply their knowledge to real-world problems
by using algebraic expressions and pictorial and symbolic representation.

Grade: 9-12

Prerequisite(s):
Integrated Math 2 first semester

Developed by a third party

(2 of 2) Students begin this course by studying probability and then transition into the study of logic and geometric proofs. They continue their geometry study of triangles, parallel and perpendicular lines and angles, and then transition into the study of trigonometric ratios and the application of trigonometry. This course ends with a comprehensive look at circles.

INTEGRATED MATH III

Grade: 9-12

Prerequisite(s):
Integrated Math 2 or Algebra 1 & Geometry

Developed by a third party

(1 of 2) This course blends algebra, geometry, number and quantity, functions, modeling and statistics, and probability into one course. Students begin the course learning about the algebraic concepts of functions, equations, logarithms, and graphs and then transition into triangle and trig ratios. They dive into rational functions and sequences and series.

Grade: 9-12

Prerequisite(s):
Integrated Math 3 first semester

Developed by a third party

(1 of 2) In this semester, students begin by studying counting methods, probabilities, distributions, area, volume, parabolas, circles, ellipses, hyperbolas, and systems of equations and inequalities. They finish their course of study learning about trigonometry functions and identities.

EXTENDED ALGEBRA 2

Grade: 9-12

Prerequisite(s):
Algebra 1 & Geometry

Course Intro Video

Extended Algebra 2 (1 of 4) explores solving quadratic equations with complex solutions and performing operations on polynomials, using polynomial identities to solve problems, analyzing polynomial functions using different representations, solving polynomial equations graphically, working with rational functions, and performing arithmetic operations on rational functions to graph them.

Grade: 9-12

Prerequisite(s):
Extended Algebra 2 - first semester

Course Intro Video

Extended Algebra 2 (2 of 4) explores radical equations, rewriting expressions involving radicals, and graphing and solving radical equations. Concepts of trigonometry include ratios and using the unit circle to understand them, graphing sine, cosine; tangent functions, and exploring their key features to prove and apply trigonometric identities.

Grade: 9-12

Prerequisite(s):
Extended Algebra 2 - second semester

Course Intro Video

Extended Algebra 2 (3 of 4) explores modeling real-life situations with equations and inequalities, solving exponential equations with logarithms, and synthesizing and generalizing a variety of function families.

Grade: 9-12

Prerequisite(s):
Extended Algebra 2 - third semester

Course Intro Video

Extended Algebra 2 (4 of 4) explores how to make probability decisions, as well as how to use basic statistics and sampling processes to understand data sets and answer questions about samples and populations.

PRE-CALCULUS

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

In Pre-Calculus (Part A), students will understand and apply concepts, graphs, and applications of a variety of families of functions including polynomial, exponential, logarithmic, logistic, and trigonometric. An emphasis will be placed on use of Appropriate functions to model real-world situations and solve problems that arise from those situations. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph. A scientific and/or graphics calculator is recommended for work on assignments and on examinations.

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Pre-Calculus (Part B) covers the major units of Introductory Trigonometry and Graphs, Trigonometric Equations and Identities, Analytical Trigonometry, Sequences and Series, Conic Sections, and an Introduction to Calculus. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph.

FINANCIAL MATHEMATICS

Grade: 9-12

Prerequisite(s):
Algebra 1

Course Intro Video

Financial Mathematics (1 of 1) investigates how to solve real-life problems, analyze current financial issues of taxes, loans, car leases, mortgages, and insurance. Mathematical processes are used to study patterns and analyze data, algebraic formulas, graphs, and amortization modeling.

APPLIED MATHEMATICS

Grade: 9-12

Prerequisite(s):
Algebra 1

Course Intro Video

Applied Mathematics (1 of 1) examines how artists, video game developers, and musicians apply mathematical concepts to create; and how biologists use mathematics to measure the distances between cells and gain new insights about the body by applying concepts from geometry, functions, probability, and statistics.

One Semester Course NEW! Spark Course Career Explorations Collection

CONSUMER MATH

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Consumer Math (A) focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Consumer Math (B) focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.

COLLEGE MATHEMATICS PREPARATION

Grade: 11-12

Prerequisite(s):
Algebra 1, Algebra 2, Geometry

Course Intro Video

College Math Preparation (1 of 2) explores mathematics in real-life situations, such as investments and interest, calculating loans, and annuities. Topics include: comparing and contrasting solutions; interpreting results of calculations in context to a problem; calculating perimeter, area, surface area, and volume; converting units of measurement between different systems; and solving problems using exponential growth.*This course may receive college credit through dual enrollment if the school has a partnership with a college.

Grade: 11-12

Prerequisite(s):
College Mathematics Preparation
First Semester

Course Intro Video

College Math Preparation (2 of 2) explores how to make probability decisions, as well as how to use basic statistics and sampling processes to understand data sets and answer questions about samples and populations. Topics include: distinguishing between sets, using Venn diagrams to solve applied problems, probability and permutations, statistics; and calculating and interpreting data. *This course may receive college credit through dual enrollment if the school has a partnership with a college.

ACCOUNTING

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

In this semester course of our online Accounting course, students will explore accounting, including investigating accounting careers. Students will learn basic accounting skills and procedures, both with and without a computer, for general journals, general ledgers, cash payments journals, cash receipts journals, sales journals, accounts payable ledgers, and accounts receivable ledgers. Students will also learn how to reconcile a bank statement and to prepare payroll records. This course covers the basic principles of financial accounting for individuals and for companies with attention to both the mathematical formulas and to the ethical side of accounting. Each unit has practical exercises including a project at the end of the unit.

One Semester Course NEW! Spark Course Career Explorations Collection

AP® CALCULUS

Grade: 11-12

Prerequisite(s):
Pre-Calculus A, Pre-Calculus B

Developed by a third party

Required Materials:
1. Graphing Calculator
2. Calculus, Volume 1 from OpenStax (Will be provided as a downloadable PDF once in the course)
   ISBN-10: 1-947172-13-1
   ISBN-13: 978-1-947172-13-5
3. Princeton Review AP Calculus AB Premium Prep, 2024
   ISBN-10: 0593516737
   ISBN-13: 978-0593516737

AP Calculus (A) is designed with the intent for students to incorporate the concepts of all previous math courses and expand upon these concepts with the implementation of Limits. Emphasis is placed upon the multi-representational Approach to calculus where problems and their solutions are explored and interpreted graphically, numerically, analytically, and verbally. Students will also be required to explain their answers in written form and will be asked to compare their written response to the AP grading rubric and explain why they feel they should receive that grade. Students are required to use graphing calculators with the capabilities ascribed by the College Board: (APcentral.collegeboard.com). These calculators will be used in a variety of ways including multi-representation of equations (graphs and tables) and also for conducting explorations with various functions and how different values change the look of the function.

AP Calculus (B) is designed with the intent for students to incorporate the concepts of all previous math courses and expand upon these concepts with the implementation of Limits. Emphasis is placed upon the multi-representational approach to calculus where problems and their solutions are explored and interpreted graphically, numerically, analytically, and verbally. Students will also be required to explain their answers in written form and will be asked to compare their written response to the AP grading rubric and explain why they feel they should receive that grade. Students are required to use graphing calculators with the capabilities ascribed by the College Board: (APcentral.collegeboard.com). These calculators will be used in a variety of ways including multi-representation of equations (graphs and tables) and also for conducting explorations with various functions and how different values change the look of the function.

*This course requires additional software or materials to be purchased by the school.

AP® CALCULUS BC

Grade: 11-12

Prerequisite(s): Pre-Calculus

Developed by a third party

Required Materials:

- Graphing Calculator
- Calculus: Early Transcendentals by James Stewart, 8th Edition, ©2015,
  ISBN-13: 9780357539095,

The textbook below is required to purchase for Semester B (Jan-May)

Princeton Review AP Calculus BC Prep, 2024,
ISBN-10: 0593517598,
ISBN-13: 978-0593517598

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

AP® STATISTICS

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. Basic school supplies
2. TI-84 Calculator
3. Stats: Modeling the World
   Author(s): David Bock, Floyd Bullard, Paul Velleman, Richard De Veaux
   ISBN-13 : 9780137685530
4. Princeton Review AP Statistics Prep (2024)
   ISBN-10: 0593516850
   ISBN-13: 978-0593516850

High School AP Statistics Part A (1 of 2) is a preparatory AP course that introduces students to selecting statistical methods, analyzing data, using simulations and probability, as well as statistical argumentation. In part A, students will explore: One-variable Data, Two-Variable Data, Collecting Data, Probability, Modeling probability, Sample Proportions and the Central Limit Theorem.

Students will be required to answer questions using proper language associated with the AP Statistics exam. Students are required to use graphing calculators. This course will demonstrate the use of a TI-84 calculator in preparation for the AP exam.

**This course requires additional software or materials to be purchased by the school.*

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. Basic school supplies
2. TI-84 Calculator
3. Stats: Modeling the World
   Author(s): David Bock, Floyd Bullard, Paul Velleman, Richard De Veaux
   ISBN-13 : 9780137685530
4. Princeton Review AP Statistics Prep (2024)
   ISBN-10: 0593516850
   ISBN-13: 978-0593516850

High School AP Statistics Part B (2 of 2) is a preparatory AP course that introduces students to selecting statistical methods, analyzing data, using simulations and probability, as well as statistical argumentation. In part B, students will explore: Hypothesis Testing for Proportions, Testing Two Proportions, Hypothesis Testing for Means, Testing Two Means and Matched Pairs, Chi-Square Testing, Inferences About Slops.

Students will be required to answer questions using proper language associated with the AP Statistics exam. Students are required to use graphing calculators. This course will demonstrate the use of a TI-84 calculator in preparation for the AP exam.

**This course requires additional software or materials to be purchased by the school.*

Science

PHYSICAL SCIENCE

Grade: 9-12

Prerequisite(s):
None

Physical Science (1 of 2) explores the fundamental principles governing the natural world, from subatomic particles to the vastness of the universe. It delves into the electrical forces binding matter, employing Newton's Law of Gravitation and Coulomb's Law to predict interactions between objects. The coursehighlights the significance of molecular structures in material design and explains macroscopic energy phenomena through the motion and position of particles. Additionally, the curriculum addresses global challenges through physics principles and engineering design.

Grade: 9-12

Prerequisite(s):
Physical Science First Semester

Course Intro Video

Physical Science (2 of 2) connects physical laws and both natural and technological worlds. The course covers the modeling of Earth's internal and surface phenomena, explaining the formation of geological features and the impact of energy flow on climate. Additionally, it explores energy conversion principles, thermal energy distribution, and the second law of thermodynamics. A significant focus is placed on wave mechanics and its application in digital communication and energy transmission.

Also available as a Spark course.

BIOLOGY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Biology (1 of 2) examines the basics of biochemistry and how it helps understand biological systems on Earth. Using logical thinking to identify relationships and draw conclusions, the course expands out from the building blocks of biochemistry to individual cells and cell membranes to understand cell division, reproduction, cell energy and metabolism, and photosynthesis.

Grade: 9-12

Prerequisite(s):
Biology First Semester

Course Intro Video

Biology (2 of 2) examines the basics of genetics, natural selection, ecology, models of how matter and energy flow through ecosystems, and the technology to see the larger context and implications. Topics include the biological research topics of ethical guidelines in new biotechnology.

Also available as a Spark course.

HONORS BIOLOGY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Biology Honors (1 of 2) examines life at the cellular level by understanding how the scientific method is used by scientists to investigate questions and present their findings. Topics include chemical make up and size of cells, cell structure, the flow of energy, and how traits are inherited.

Grade: 9-12

Prerequisite(s):
Biology Honors First Semester

Course Intro Video

Biology Honors (2 of 2) examines life on Earth from a big picture perspective by exploring the evolution of species and history of life on Earth. Topics include: living organisms from microorganisms to plants and animals, the human body systems, ecology, and how humans interact with the environment. Historical perspectives and societal impact of biology are included in each lesson.

CHEMISTRY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Chemistry (1 of 2) examines basic principles and properties of matter to see its everyday uses. Topics include: atomic models, and predicting chemical reactions to see how scientists can engineer them to solve problems.

Grade: 9-12

Prerequisite(s):
Chemistry First Semester

Course Intro Video

Chemistry (2 of 2) culminates in the ability to evaluate the ethical and social implications of chemistry-related technologies. Topics include: matter, types of bonds and forces that hold atoms and molecules together, states of matter, phase changes, gas laws, solutions, thermodynamics and kinetics of chemical reactions, chemical equilibrium and electrochemistry, radiation, and the difference between nuclear fission and fusion.

Also available as a Spark course.

HONORS CHEMISTRY

Grade: 9-12

Prerequisite(s): None

Course Intro Video

Chemistry Honors (1 of 2) examines basic principles and properties of matter to see its everyday uses. Topics include atomic models and predicting chemical reactions to see how scientists can engineer them to solve problems. The honors course offers additional examples and practice.

Grade: 9-12

Prerequisite(s):
Chemistry Honors First Semester
Course Intro Video

Chemistry Honors (2 of 2) culminates in the ability to evaluate the ethical and social implications of chemistry-related technologies. Topics include: matter, types of bonds and forces that hold atoms and molecules together, states of matter, phase changes, gas laws, solutions, thermodynamics and kinetics of chemical reactions, chemical equilibrium and electrochemistry, radiation, and the difference between nuclear fission and fusion. The honors course offers additional examples and practice.

AP® CHEMISTRY

Grade: 9-12

Prerequisite(s): None

Developed by a third party

Required Materials:

- AP Chemistry, Raymond Chang and Jason Overby. 14th Edition, ©2022 (Digital), ISBN-13: 9781266389139, ISBN-10: 126638913X
- Princeton Review AP Chemistry Premium Prep, 2025, ISBN-10: 0593517601, ISBN-13: 978-0593517604
- Advanced Microchem Kit (AP Chemistry Lab Kit by Quality Science Labs)

AP Chemistry is taught at the college level and is designed to prepare students to take the Advanced Placement Examination and to score high enough to earn college credit in those colleges that recognize the examination. College level textbooks are used. The course will cover all of the topics in the AP Chemistry course description. These include an introduction to chemistry as the study of change, gases, thermochemistry, quantum theory, chemical bonding, crystals, phase changes, solutions, chemical kinetics, chemical equilibrium, acids and bases, entropy, electrochemistry, nuclear chemistry, metallurgy, alkali and alkaline metals, nonmetallic metals, transition metals, organic chemistry, and synthetic and natural organic polymers.

PHYSICS

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. 50 pennies
2. Common household materials such as batteries, magnet, paper clips, copper wire, and/or electric tape
3. Cup or container
4. Tape measure
5. Chalk or tape
6. Common household materials such as packing bubbles, plastic wrap, towels, polystyrene foam of various forms, or cushions
7. Shiny spoon

Students begin their exploration of physics by reviewing the International System of Units (SI), scientific notation, and significant digits. They then learn to describe and analyze motion in one and two dimensions. Students learn about gravity and Newton's laws of motion before concluding the course with an examination of circular motion. Students apply mathematical concepts such as graphing and trigonometry in order to solve physics problems. Throughout the course, students apply their understanding of physics by playing roles like science museum curator and elementary teacher.

Physics B continues the student's exploration of mechanics while also guiding them through some other important topics of physics. Students begin by exploring simple harmonic motion, wave properties, and optics. Students then learn the basics of thermodynamics and fluids. Afterwards, the students explore the principles of electricity and magnetism. Finally, students explore the area of physics known as Modern Physics, which includes topics such as the photoelectric effect, nuclear science, and relativity. This is a trig-based course. It is assumed you know and can use trigonometry.

AP® PHYSICS

Grade: 11-12

Prerequisite(s): Algebra 2

Required Materials:

- Graphing Calculator
- Digital Textbook: College Physics 2e for AP Courses by OpenStax (embedded in the course, no need to download) ISBN-13: 978-1-951693-61-9
- Princeton Review AP Physics 1 Premium Prep, 2025 ISBN-10: 0593517695, ISBN-13: 978-0593517697
- Advanced Physics Lab Kit (Must be purchased for this course)

Developed by a third party

AP Physics is a rigorous full-year course divided into two semesters. Semester A focuses on kinematics, Newton's law of motion, forces, work, energy, power, and momentum. Semester B expands these topics while focusing on torque, inertia, angular momentum, oscillations, and fluids. Throughout this course you will gain knowledge, skills, and understanding of key physics principles, as well as gain preparation for taking the AP Physics 1 Exam.

EARTH & SPACE SCIENCE

Grade: 9-12

Prerequisite(s):
None

Earth and Space Science (1 of 2) offers a deep understanding of Earth's dynamic systems and the impact these processes have on human activity. The course emphasizes the carbon cycle's significance, demonstrating its impact through visual models and experiments. Additionally, it addresses the effects of human activity on Earth's systems, including climate change, natural resource management, and sustainability of living things.

Grade: 9-12

Prerequisite(s):
None

Earth and Space Science (2 of 2) explores the processes that shape the cosmos and our planet; connecting space phenomena with Earth dynamics. The course covers such topics as the sun's lifecycle, the Big Bang theory, the solar system's orbital mechanics, and historical evidence of plate tectonics. Integral science practices like developing models, analyzing evidence, and applying scientific reasoning are applied throughout the course.

ENVIRONMENTAL SCIENCE

Grade: 9-12

Prerequisite(s):
Chemistry

Course Intro Video

Environmental Science (1 of 2) examines the relationships between organisms and the environment, including impacts of research on scientific thought and the environment by using scientific practices, evidence-based data and its display, as well as understanding how data informs societal decision making.

Grade: 9-12

Prerequisite(s):
Chemistry, Environmental Science First Semester

Course Intro Video

Environmental Science (2 of 2) examines the relationship between humans and the environment including the past, present and future impacts of resource utilization, identifies pollution of the air, soil and water and its sources; and discusses regulations and actions that can and have been taken to mitigate harm to the Earth.

MARINE SCIENCE

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

About 70% of the Earth is covered by water. Even today, much of the world's oceans remain unexplored. Marine scientists make exciting new discoveries about marine life every day. In this course, students will discover the vast network of life that exists beneath the ocean's surface and study the impact that humans have on the oceans.

ANATOMY & PHYSIOLOGY

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

The aim of Anatomy and Physiology (1 of 2) is to expand upon what was learned in your biology class, while emphasizing the application of this material to human structures and functions. This course begins the study of human beings at the microscopic level and works its way up to an in-depth study of select organ systems. Special emphasis will be placed upon applying and demonstrating the information learned in this course through, not only tests and quizzes, but through special projects and collaboration as well.

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

The aim of Anatomy and Physiology (1 of 2) is to expand upon what was learned in your biology class, while emphasizing the application of this material to human structures and functions. This course begins the study of human beings at the microscopic level and works its way up to an in-depth study of select organ systems. Special emphasis will be placed upon applying and demonstrating the information learned in this course through, not only tests and quizzes, but through special projects and collaboration as well.

AP® BIOLOGY

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. Campbell Biology, 12th edition
   Published by Pearson ©2021
   ISBN-13: 9780135988046
2. Princeton Review AP Biology
   Premium Prep, ©2025
   ISBN-10: 0593517563
   ISBN-13: 978-0593517567
3. AP Biology Lab Kit

This course is taught at the college level and designed to prepare students to take the Advanced Placement Examination and score high enough to earn college credit in those colleges that recognize the examination. College level textbooks are used. The course will cover all of the topics in the AP Biology Course Description. These include biochemistry, cell structure and function, cell energetics, cellular reproduction and communication, heredity, molecular genetics, evolution, ecology, diversity of organisms, structure and function of plants and animals; and comparative anatomy.

*This course requires additional software or materials to be purchased by the school.

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. Campbell Biology, 12th edition
   Published by Pearson ©2021
   ISBN-13: 9780135988046
2. Princeton Review AP Biology
   Premium Prep, ©2025
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This course requires additional software or materials to be purchased by the school.

AP® PSYCHOLOGY

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. eBook: Myers' Psychology for the AP® Course Fourth Edition. ©2024
2. David G. Myers; C. Nathan DeWall; Elizabeth Yost Hammer
   ISBN:9781319471453
3. Princeton Review AP Psychology Premium Prep, 2025
   ISBN-10: 0593517725
   ISBN-13: 978-0593517727

This course will be utilized for students wishing to take the AP Psychology exam. All modules in this course are geared towards a content area covered on the AP exam. The course begins with an introduction to the origins of psychology to strengthen students' scientific foundations that other modules will build upon. The first module also includes an introduction to AP courses. The semester then focuses on biology with an emphasis on the brain. With having a strong grasp of neuropsychology, students will then expand their knowledge to learning about cognitive and developmental psychology.

Social Studies

WORLD GEOGRAPHY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

World Geography (1 of 2) explores the five themes of geography, analyzes the earth's processes, and how the processes impact both physical and human geography. Both physical and political maps are studied to examine trends and impacts with a focus on the Americas, Central Asia, and Europe.

Grade: 9-12

Prerequisite(s):
World Geography First Semester

Course Intro Video

World Geography (2 of 2) continues the exploration of the five themes of geography with a focus on the Middle East, Africa, and Asia. Cultural beliefs and social and political systems are examined within the context of countries, regions, and global interactions.

WORLD HISTORY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

World History (1 of 2) explores key events and historical developments from hunter-gatherer societies to the Industrial Revolution. Beginning with the analysis of prehistoric people from the Paleolithic era to the Agricultural Revolution, the course follows the rise and fall of early empires including the Roman Empire. Topics include: The Crusades, feudalism, the plague, Asian empires and trade routes, effects of the Renaissance and Protestant Reformation, and important revolutions that shaped history.

Grade: 9-12

Prerequisite(s):
World History First Semester

Course Intro Video

World History (2 of 2) traces the developments of the last 250 years by examining the origins of modern Western imperialism and analyzing the cultural, economic, and political impacts on Africa and Asia. Topics include: the influence of the Industrial Revolution; the impact of imperialism and nationalism on World War I; how the Treaty of Versailles contributed to the rise of fascism in Europe and the start of World War II; 20th-century warfare; the Armenian Genocide; and the Holocaust.

HONORS WORLD HISTORY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

World History Honors (1 of 2) explores the key events and global historical developments from hunter-gatherer societies to the Industrial Revolution. From the Paleolithic era and the Agricultural Revolution, students follow the rise and fall of early empires including Rome and Asian empires. Topics include: exploration of the impact of the Renaissance, Protestant Reformation, Age of Exploration and the American colonies; and analysis of important revolutions in history including the Scientific, American, and Industrial. Honors includes additional examples and practice for students.

Grade: 9-12

Prerequisite(s):
World History Honors First Semester Course Intro Video

World History Honors (2 of 2) examines revolutions in the world and the establishment of European colonies around the globe by tracing the effects of imperialism and nationalism, eventually resulting World War I and II and the Cold War. Topics include: analyzing modern-day issues including social media, globalization, and technological advances and threats associated with them. Honors includes additional examples and practice for students.

US HISTORY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

U.S. History (1 of 2) explores the political, social, and economic forces that have shaped the United States from the Progressive Era to the present. Students analyze key events such as World War I and II, the Great Depression, the Cold War, and globalization to understand how leadership, institutions, and ideologies have influenced societal change and global relations.

The course examines the expansion of U.S. influence, domestic and international conflicts, economic developments, and the ongoing struggle for civil rights. Through historical inquiry, students evaluate the impact of government policies, technological advancements, and civic movements, fostering a deeper understanding of the nation's evolving role in the world.

Grade: 9-12

Prerequisite(s):
US History First Semester

Course Intro Video

US History (2 of 2) invites students to explore the pivotal moments that have shaped modern America. From the Progressive Era to the 21st century, students will analyze how political decisions, social movements, economic shifts, and global conflicts have influenced the nation and its role in the world. They will examine the causes and consequences of war, the evolution of civil rights, the impact of economic policies, and the ways technology and information shape society. By engaging with historical evidence and diverse perspectives, students will develop critical thinking skills and a deeper understanding of how past events continue to shape the present and future.

HONORS US HISTORY

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

US History Honors (1 of 2) explores European exploration and the impact Europeans had on the lives of those native to North America. Topics include: the development of the English colonies in North America; causes and effects of the American Revolution; the ratification of the Constitution; causes of the War of 1812; analysis of sectionalism as a common thread; westward expansion; Civil War and Reconstruction; Indian Wars; immigration; and the Second Industrial Revolution. Honors includes additional examples and practice for students.

Grade: 9-12

Prerequisite(s):
US History Honors First Semester

Course Intro Video

US History Honors (2 of 2) traces pivotal events in American history and presidential administrations as the 21st century dawned. Topics include: The Gilded Age, Progressive Era, World War I, the Roaring Twenties, Great Depression, New Deal, World War II, the Cold War, and proxy conflicts like the Vietnam War and Korean War; technology innovations, global communications, and the rise of terrorism.Honors includes additional examples and practice for students. Honors includes additional examples and practice for students.

US GOVERNMENT

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

US Government (1 of 1) examines the history and philosophy of the United States government and the guiding principles of democracy. Topics include: analysis of the United States Constitution; functions and duties of the three branches of government; the role of the Supreme Court; civic engagement in political process; the rights and responsibilities of citizens; government systems of the world; political parties; interest groups; and the media in shaping the government.

HONORS US GOVERNMENT

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

US Government Honors examines early political ideas that led to the development of the United States government, the various smaller governments operating within the United States, and provides insights of local, state, and national levels of government. By examining how the United States interacts with the world regarding trade, immigration, and global conflicts, students discover how civic engagement influences the government.

CIVICS AND CITIZENSHIP

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Civics and Citizenship (1 of 1) assesses knowledge about the government of the United States, citizens' rights and responsibilities, and American history. The course is for high school students in order to fulfill the requirement for graduation. Civics and Citizenship provides students the ability to engage with the government in which they will soon participate. This course provides real-world connections between democratic ideals and practical activities.

One Semester Course NEW! Spark Course Career Explorations Collection

CIVICS & GOVERNMENT

Grade: 9-12

Prerequisite(s):
None

Civics and Government (1 of 1) empowers learners to explore the foundations, functions, and responsibilities of government at local, state, national, and international levels. They examine how civic virtues, democratic principles, and constitutional rights have evolved, analyzing key historical documents, legislation, and court cases that have shaped the American political system. Learners investigate the structure of government, comparing political systems worldwide, and evaluating decision-making processes across branches and levels of government. Through inquiry, they assess the role of citizens, political institutions, and policies in shaping democracy. By engaging in real-world problem-solving and civic participation, they gain the knowledge and skills to become informed and active members of their communities and the global society.

ECONOMICS

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Economics (1 of 1) explores principles to make informed decisions about personal finance, develop a broader understanding of national and international economic decisions and policies. Topics include: why economics impacts history, distribution of wealth, and quality of life for all members of society.

WORLD HISTORY & GEOGRAPHY

Grade: 9-12

Prerequisite(s):
None

World History (1 of 2) brings the past to life by exploring the transformative events, ideas, and conflicts that have shaped civilizations from the Enlightenment to the Industrial Revolution and beyond. Learners examine how artistic, philosophical, and scientific advancements influenced societies, how revolutions reshaped nations, and how labor systems and economies evolved over time. They analyze the causes and consequences of imperialism, global conflicts, and ideological shifts, gaining insight into how state-building, technological progress, and cultural exchanges continue to impact the modern world. Through historical inquiry, they engage with primary and secondary sources, develop critical thinking skills, and draw connections between the past and present to better understand the forces shaping today's global society.

Grade: 9-12

Prerequisite(s):
None

World History and Geography (2 of 2) course, takes learners on an engaging journey through the pivotal events, ideologies, and conflicts that have defined global history. By analyzing the causes and consequences of war, shifting political landscapes, and the influence of belief systems, students will uncover how historical moments continue to shape societies today. They will evaluate strategies for conflict resolution, examine the role of marginalized groups, and assess the impact of economic and political decisions on global cooperation. From World War II to the Cold War and beyond, students will build critical thinking skills while making meaningful connections between the past and present.

ETHNIC STUDIES

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Ethnic Studies is designed to help students to develop a more complex and nuanced understanding of the human experience as it relates to ethnicity, including the factors that influence individual and collective identity. Early lessons in the course guide students to build a conceptual framework for studying ethnicity and ethnic groups, based on the relationships among identity, ethnicity, race, and nationality. At the beginning of the course, students will analyze how cultural assumptions and biases influence both individual identity and people's perceptions of others. Additionally, lessons about the origins of culture in early civilizations and the ways that humans organized themselves socially as populations increased will provide background knowledge that students need to study ethnicity in the United States.

Later lessons introduce the histories and cultures of specific ethnic groups in the United States and help students understand how identity and experience are sometimes shaped by belonging to these groups. Students will then investigate factors that lead members of different ethnic groups to immigrate to the United States and consider how these groups and their cultures have shaped American society. Students will also analyze the power structures that impact the lived experiences of Americans in various ethnic groups, identifying patterns of oppression and resistance throughout each group's history.

Throughout the course, students are encouraged to identify and appreciate aspects of their own identity as well as the cultures, strengths, achievements, and values of the major ethnic groups in the United States. A key feature of the course is the emphasis given to the perspectives of individuals from historically marginalized groups that are rarely represented in textbooks. The goal is to add these voices to the larger historical narrative so that students can see themselves and all of their classmates as vital parts of the American story.

AP® GOVERNMENT & POLITICS

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. American Democracy Now, AP 7th Edition ©2022
   ISBN-13: 9781264319138
   ISBN-10: 1264319134
2. Princeton Review AP U.S. Government & Politics Premium Prep, 2024
   ISBN-10: 0593517253
   ISBN-13: 978-0593517253

AP Government and Politics (1 of 2) examines the U.S. political system. Students in this course will discuss political ideology, the development of the political system and democratic institutions. Students should, according to the College Board, gain an "analytical perspective on government and politics in the United States." Furthermore, students will study "both the general concepts used to interpret U.S. politics and the analysis of specific examples" throughout history. The class discussion will require that students acquire a "familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics." The main emphasis of the course, however, is to be able to apply a basic comprehension of the U.S. political system to contemporary events.

*This course requires additional software or materials to be purchased by the school.

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. American Democracy Now, AP 7th Edition ©2022
   ISBN-13: 9781264319138
   ISBN-10: 1264319134
2. Princeton Review AP U.S. Government & Politics Premium Prep, 2024
   ISBN-10: 0593517253
   ISBN-13: 978-0593517253

AP Government and Politics (2 of 2) examines the U.S. political system. Students in this course will discuss political ideology, the development of the political system and democratic institutions. Students should, according to the College Board, gain an "analytical perspective on government and politics in the United States." Furthermore, students will study "both the general concepts used to interpret U.S. politics and the analysis of specific examples" throughout history. The class discussion will require that students acquire a "familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics." The main emphasis of the course, however, is to be able to Apply a basic comprehension of the U.S. political system to contemporary events.

*This course requires additional software or materials to be purchased by the school.

AP® UNITED STATES HISTORY

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. The American Pageant,
   by David M. Kennedy,
   Lizabeth Cohen,
   17th Edition, ©2020, eText
   ISBN-13: 9780357504765
2. Princeton Review AP U.S.
   History Premium Prep, 2024
   ISBN-10: 0593517296
   ISBN-13: 978-0593517291

AP United States History is an intensive, full-year course divided into two semesters. The course focuses on exploring and analyzing American historical events, individuals, and cultural trends. Students will be prepared with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. This first semester course covers the time frame of 1492 to 1877, and the second semester course covers the time frame 1878 to present.

This course is designed to prepare students for the Advanced Placement Exam in United States History that is administered by the College Board Educational Testing Center. The class satisfies the United States History requirement for graduation.

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. The American Pageant,
   by David M. Kennedy,
   Lizabeth Cohen,
   17th Edition, ©2020, eText
   ISBN-13: 9780357504765
2. Princeton Review AP U.S.
   History Premium Prep, 2024
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This course is designed to prepare students for the Advanced Placement Exam in United States History that is administered by the College Board Educational Testing Center. The class satisfies the United States History requirement for graduation.

Credit Recovery

CREDIT RECOVERY - ENGLISH 9

Grade: 9

Prerequisite(s):
None

Credit Recovery for English 9 (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand and other texts of varying time periods to demonstrate concepts such as textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses, culminating in an informational essay and an argument essay.

Grade: 9

Prerequisite(s):
None

Credit Recovery for English 9 (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand and other texts of varying time periods to demonstrate concepts such as textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses, culminating in an informational essay and an argument essay.

CREDIT RECOVERY - ENGLISH 10

Grade: 10

Prerequisite(s):
None

Credit Recovery for English 10 (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course examines reading, writing, and analysis of informational texts; argument texts, videos to demonstrate understanding of explicit and inferred meaning, textual evidence, central ideas, arguments, and claims; organizational structures, figurative and rhetorical language; and the effect of word choice on tone. Skill-building focuses on spelling, grammar, usage, punctuation, domain-specific vocabulary, context clues, and affixes. Writing topics include an informational essay and an argument essay.

Grade: 10

Prerequisite(s):
None

Credit Recovery for English 10 (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores reading, writing, and analysis of literary texts from around the world and across history. Readings include Antigone by Sophocles and others to demonstrate understanding of textual evidence, themes, inferences, characterization, figurative language, figures of speech, and literary devices; as well as building foundational knowledge of context clues, word nuances, affixes, phrases, clauses, and parallel construction. Writing topics include a literary analysis essay and a personal narrative essay.

CREDIT RECOVERY - ENGLISH 11

Grade: 11

Prerequisite(s):
None

Credit Recovery for English 11 (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course examines reading, writing, and analysis using both informational and argument texts. Readings include seminal US texts such as "What to the Slave Is the Fourth of July?" by Frederick Douglass, speeches, court documents, and scientific articles to explore textual evidence, central ideas, inferences, word choice, figurative language, spelling, hyphens, contested usage, figures of speech, and reference materials. Writing topics include a researched informational essay and a researched argument essay.

Grade: 11

Prerequisite(s):
None

Credit Recovery for English 11 (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores reading, writing, and analysis using both informational and literary texts. Readings include poetry and drama, such The Crucible by Arthur Miller, to demonstrate literary elements of plot, setting, character, themes, and central ideas. Comparing works from different time periods, reviewing context and word nuances; and learning about punctuation, style manuals, phrases, clauses, and parallel structure to improve reading and writing skills. Writing topics include a fictional narrative and a literary analysis.

CREDIT RECOVERY - ENGLISH 12

Grade: 12

Prerequisite(s):
None

Credit Recovery for English 12 (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores analysis of informational and argument texts. Readings include seminal US texts such as the Declaration of Independence, presidential speeches, court documents, and articles related to innovative technology to demonstrate rhetoric, figurative language, theme, purpose, specialized vocabulary, text structure, word nuances, inferences, research, evidence, and reference sources. In addition, students learn about context clues, contested usage, and syntax errors. Writings include a researched informational essay and a researched argument essay.

Grade: 12

Prerequisite(s):
None

Credit Recovery for English 12 (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course analyzes narrative texts from British literature — from the Middle Ages through modern times. Demonstrated skills include explicit and implicit meanings, figurative language, literary devices, central ideas, themes, and narrative and structural elements. Writings include a fictional narrative in the style of Gothic Romanticism and a literary analysis comparing and contrasting two British literature texts of different eras.

CREDIT RECOVERY - ALGEBRA 1

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Algebra 1 (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores solving quadratic equations with complex solutions and performing operations on polynomials; uses polynomial identities to solve problems; analyzes polynomial functions using different representations; solves polynomial equations graphically; and works with rational functions and performing arithmetic operations on rational functions to graph them.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Algebra 1 (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores the analysis of different types of functions presented as equations, graphs, tables, and verbal descriptions; identifying key features applied to real-world problems; using key features to compare different types of functions; transformations of functions; statistics; interpreting and analyzing data sets; as well as causation and correlation.

CREDIT RECOVERY - GEOMETRY

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Geometry (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores solving quadratic equations with complex solutions and performing operations on polynomials; uses polynomial identities to solve problems; analyzes polynomial functions using different representations; solves polynomial equations graphically; and works with rational functions and performing arithmetic operations on rational functions to graph them.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Geometry (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores writing formal proofs and constructing geometric figures. Topics include: slopes, midpoints, distance formula with a focus on their applications in coordinate proofs, theorems about circles as well as concepts related to circles; and two-and three-dimensional figures and probability.

CREDIT RECOVERY - ALGEBRA 2

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Algebra 2 (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores solving quadratic equations with complex solutions and performs operations on polynomials; uses polynomial identities to solve problems; analyzes polynomial functions using different representations; solves polynomial equations graphically; and works with rational functions and performing arithmetic operations on rational functions to graph them.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Algebra 2 (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores radical equations, rewriting expressions involving radicals, and graphing and solve radical equations. Concepts of trigonometry include ratios and using the unit circle to understand them, graphing sine, cosine, and tangent functions; and explores key features to prove and apply trigonometric identities.

EARTH & SPACE SCIENCE

Grade: 9-12

Prerequisite(s):
None

Earth and Space Science (1 of 2) offers a deep understanding of Earth's dynamic systems and the impact these processes have on human activity. The course emphasizes the carbon cycle's significance, demonstrating its impact through visual models and experiments. Additionally, it addresses the effects of human activity on Earth's systems, including climate change, natural resource management, and sustainability of living things.

Grade: 9-12

Prerequisite(s):
None

Earth and Space Science (2 of 2) explores the processes that shape the cosmos and our planet; connecting space phenomena with Earth dynamics. The course covers such topics as the sun's lifecycle, the Big Bang theory, the solar system's orbital mechanics, and historical evidence of plate tectonics. Integral science practices like developing models, analyzing evidence, and applying scientific reasoning are applied throughout the course.

CREDIT RECOVERY - PHYSICAL SCIENCE

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Physical Science (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course examines science as a whole and leads to how methods and tools provide scientists meaningful results. Topics include: chemistry to interpret chemical names; formulas, equations, and models to discover the types and properties of reactions and nuclear reactions and their uses; historical perspectives, and the social impacts.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Physical Science (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores physics, introduces topics in engineering, and the ways scientists think, communicate, and do their jobs. The topics of motion and force, including the motion of fluids and Newton's law, build a foundation to explore thermodynamics, energy, work, machines, waves, electricity, and magnetism.

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CREDIT RECOVERY - BIOLOGY

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Biology (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course examines the basics of biochemistry and how it helps understand biological systems on Earth. Using logical thinking to identify relationships and draw conclusions, the course expands out from the building blocks of biochemistry to individual cells and cell membranes to understand cell division, reproduction, cell energy and metabolism, and photosynthesis.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Biology (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course examines the basics of genetics, natural selection, ecology, models how matter and energy flow through ecosystems; and the technology to see the larger context and implications. Topics include: biological research topics of ethical guidelines in new biotechnology.

CREDIT RECOVERY - CHEMISTRY

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Chemistry (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course examines basic principles and properties of matter to see its everyday uses. Topics include: atomic models, predicting chemical reactions to see how scientists can engineer them to solve problems.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Chemistry (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course culminates in the ability to evaluate the ethical and social implications of chemistry-related technologies. Topics include: matter, types of bonds and forces that hold atoms and molecules together, states of matter, phase changes, gas laws, solutions, thermodynamics and kinetics of chemical reactions; chemical equilibrium and electrochemistry; and radiation and the difference between nuclear fission and fusion.

CREDIT RECOVERY - US HISTORY

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for US History (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores European exploration and the impact Europeans had on the lives of those native to North America. Topics include: the development of the English colonies in North America; causes and effects of the American Revolution; the ratification of the Constitution; causes of the War of 1812; analysis of sectionalism as a common thread; westward expansion; Civil War and Reconstruction; Indian Wars; immigration; and the Second Industrial Revolution.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for US History (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course traces pivotal events in American history and presidential administrations as the 21st century dawns. Topic include: The Gilded Age, Progressive Era, World War I, the Roaring Twenties, Great Depression, New Deal, World War II, the Cold War, and proxy conflicts like the Vietnam War and Korean War, technology innovations, global communications, and the rise of terrorism.

CREDIT RECOVERY - WORLD HISTORY

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for World History (1 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores key events and historical developments from hunter-gatherer societies to the Industrial Revolution. Beginning with the analysis of prehistoric people from the Paleolithic era to the Agricultural Revolution, the course follows the rise and fall of early empires including the Roman Empire. Topics include: The Crusades, feudalism, the plague, Asian empires and trade routes, effects of the Renaissance and Protestant Reformation, and important revolutions that shaped history.

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for World History (2 of 2) is designed to help students catch up on learning and earn missing credits needed for graduation. This course traces the developments of the last 250 years by examining the origins of modern Western imperialism and analyzing the cultural, economic, and political impacts on Africa and Asia. Topics include: the influence of the Industrial Revolution, the impact of imperialism and nationalism on World War I, how the Treaty of Versailles contributed to the rise of fascism in Europe and the start of World War II, 20th-century warfare, the Armenian Genocide, and the Holocaust.

CREDIT RECOVERY - US GOVERNMENT

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for US Government (1 of 1) is designed to help students catch up on learning and earn missing credits needed for graduation. This course examines the history and philosophy of the United States government and the guiding principles of democracy. Topics include: analysis of the United States Constitution; functions and duties of the three branches of government; the role of the Supreme Court; civic engagement in political process; the rights and responsibilities of citizens; government systems of the world; political parties; interest groups; and the media in shaping the government.

CREDIT RECOVERY - ECONOMICS

Grade: 9-12

Prerequisite(s):
None

Credit Recovery for Economics (1 of 1) is designed to help students catch up on learning and earn missing credits needed for graduation. This course explores principles to make informed decisions about personal finance, develop a broader understanding of national and international economic decisions and policies. Topics include: why economics impacts history, distribution of wealth, and quality of life for all members of society.

World Languages

AMERICAN SIGN LANGUAGE I

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

American Sign Language I (1 of 2) provides an introduction to American Sign Language (ASL). The course provides guidance in how to communicate with ASL across a variety of basic subjects, including greetings and introductions, information sharing, personal characteristics, family, travelling, and living spaces. The course also explores details about Deaf culture, the history of ASL, and the general rules and concepts needed for communicating effectively through sign language, including fingerspelling and signing parameters.

Grade: 9-12

Prerequisite(s):
ASL I first semester

Course Intro Video

American Sign Language I (2 of 2) continues to explore introductory concepts in American Sign Language (ASL). The course builds on the first half to guide students in how to communicate on a variety of basic subjects, including with food items, directions, store interactions, job roles, health topics, and plans built around schedules and times. The course also highlights more details about Deaf culture, the history of ASL, and the general rules and concepts needed for communicating effectively through sign language, including classifiers and specific grammar rules.

AMERICAN SIGN LANGUAGE II

Grade: 9-12

Prerequisite(s):
ASL 1

Course Intro Video

American Sign Language II (1 of 2) explores intermediate concepts related to Deaf culture and American Sign Language (ASL). The course begins with a review of cultural facts and ASL rules and concepts from American Sign Language I. New topics that follow include major milestones and famous figures in Deaf cultural history, appropriate etiquette and behaviors in Deaf interactions, ASL literature and performances, and different language styles and skills among Deaf communities, among others. Projects throughout the course will assess knowledge of signing vocabulary and mastery of proper signing form.

Grade: 9-12

Prerequisite(s):
ASL II first semester

Course Intro Video

American Sign Language II (2 of 2) explores intermediate concepts related to Deaf culture and American Sign Language (ASL). Topics include the ways to be considered a part of the Deaf community, history of minority subgroups within the community, accessibility options that help deaf people function effectively in everyday society, and common ASL signing approaches and techniques that deaf people are likely to practice. Vocabulary activities provide demonstrations of signs related to topics like money, leisure activities, and thoughts and opinions. Projects throughout the course asses signing vocabulary and mastery of proper signing form.

SPANISH 1

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Spanish 1 (1 of 2) introduces the basics of the Spanish language by learning through reading, writing, listening, and speaking about personal interests and hobbies; asking for directions; and how to discuss activities with friends using vocabulary associated with restaurants, traveling, and vacations. The course also explores cultures of some Spanish-speaking countries, such as Mexico, Colombia, Argentina, Spain, and Peru.

Grade: 9-12

Prerequisite(s):
Spanish 1 first semester

Course Intro Video

Spanish 1 (2 of 2) explores how to discuss school subjects, professions, and daily routines; as well as illness and injury; shopping; and money through reading, writing, listening, and speaking. The course also explores cultures of some Spanish-speaking countries, such as Venezuela, Chile, Ecuador, Guatemala, and Cuba.

SPANISH 2

Grade: 9-12

Prerequisite(s):
Spanish 1

Course Intro Video

Spanish 2 (1 of 2) builds reading, writing, listening, and speaking skills in order to discuss social relationships, climate, various animals, fables, holiday customs and traditions, and outdoor activities. The course also explores cultures of some Spanish-speaking countries, such as Paraguay, Puerto Rico, El Salvador, Costa Rica, and Bolivia. Topics include: history, products, traditions, practices, and perspectives of each of these countries.

Grade: 9-12

Prerequisite(s):
Spanish 1, Spanish 2 first semester Course Intro Video

Spanish 2 (2 of 2) continues to build reading, writing, listening, and speaking skills in order to discuss transportation, extracurricular interests, professions, cuisine, clothing, health, and technology. Topics include: present, past, future, and conditional tenses; present subjunctive mood; explores cultures of some Spanish-speaking countries, such as the Dominican Republic, Equatorial Guinea, Honduras, Uruguay, and Panama.

SPANISH 3

Grade: 9-12

Prerequisite(s):
Spanish 1, Spanish 2

Course Intro Video

Spanish 3 (1 of 2) builds reading and writing of informative, argumentative, and descriptive texts; listening and speaking skills using the indicative subjunctive and imperative moods.
The course also explores significant historical events of some Spanish-speaking countries, as well as cultural products, practices, and philosophies.

Grade: 9-12

Prerequisite(s):
Spanish 1, Spanish 2, Spanish 3 first semester

Course Intro Video

Spanish 3 (2 of 2) continues acquiring the Spanish language through reading poems and short stories by notable Spanish-language authors. The continuation of writing, listening, and speaking includes exploring behavioral norms in different Spanish-speaking cultures, in order to discuss these topics in the indicative and subjunctive moods in a variety of tenses.

AP® SPANISH LANGUAGE & CULTURE

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. Abriendo paso: Temas y lecturas 2014 Realize
   ISBN: 9780328954445 (1 year)
2. Abriendo paso: Gramatica 2014 Realize
   ISBN: 9780328954346 (1 year)
   Call Savvas Customer Service to Purchase these two eTextbooks at 800-848-9500. Press #5, then #3, then #3. Specify to agent that it is for an online private school.
3. Princeton Review AP Spanish Language & Culture Prep, 2024
   ISBN-13: 978-0593516843
4. Microphone

In AP Spanish Language and Culture (1 of 2), students will use the three modes of communication – interpretive, interpersonal, and presentational – as defined by the World Readiness Standards for Learning Languages. Using the ACTFL Performance Descriptors for Language Learners, students will be provided opportunities to demonstrate their proficiency in each of the three modes. Each module is theme-based, providing ample opportunities to interpret written, print, visual, audiovisual, and audio text; speak with and write to others; and present by speaking and writing for an audience. Themes in semester A include families and communities, education and careers, entertainment and travel, global citizenship and human geography, lifestyle and traditions, social awareness, historical figures, and ethnic identity.

**This course requires additional software or materials to be purchased by the school.*

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

1. Abriendo paso: Temas y lecturas 2014 Realize
   ISBN: 9780328954445 (1 year)
2. Abriendo paso: Gramatica 2014 Realize
   ISBN: 9780328954346 (1 year)
   Call Savvas Customer Service to Purchase these two eTextbooks at 800-848-9500. Press #5, then #3, then #3. Specify to agent that it is for an online private school.
3. Princeton Review AP Spanish Language & Culture Prep, 2024
   ISBN-13: 978-0593516843
4. Microphone

In AP Spanish Language and Culture (2 of 2), students continue to explore the themes started in the first semester. In order to demonstrate all three modes of communication, students will engage with their instructor and students in collaborative discussions, personal opinion and persuasive essays, interpretation activities, and oral and audiovisual presentations. In both semesters, students will encounter similar tasks as found on the AP exam, but by semester B, the difficulty and complexity will have increased to match the exam's expectations. Themes in semester B include technology, healthcare and medicine, architecture, beauty and creativity, personal beliefs and interests, fashion, design, literature and the arts, science and ethics, economics, philosophy, and religion.

**This course requires additional software or materials to be purchased by the school.*

FRENCH 1

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

French 1 focuses on developing listening skills by repeated exposure to the spoken language. Speaking skills are encouraged through recommended assignments using voice tools. Reading and writing skills, as well as language structures, are practiced through meaningful, real-life contexts. The use of technology enhances and reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.

Grade: 9-12

Prerequisite(s):
French 1 first semester

Developed by a third party

French 1 focuses on developing listening skills by repeated exposure to the spoken language. Speaking skills are encouraged through recommended assignments using voice tools. Reading and writing skills, as well as language structures, are practiced through meaningful, real-life contexts. The use of technology enhances and reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.

FRENCH 2

Grade: 9-12

Prerequisite(s):
French 1

Developed by a third party

Semester A focuses on the continuation and enhancement of language skills presented in Level 1. Vocabulary and grammar structures are revisited and expanded to provide students an opportunity to move towards an intermediate comprehension level. Speaking and listening skills are enhanced through recommended real-life voice activities. Listening skills are honed through online dialogues. Reading and writing skills are developed through access to completion of meaningful activities, reading of culturally-related articles of interest and responding to reading in the target language. The use of technology enhances and reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.

Grade: 9-12

Prerequisite(s):
French 2 first semester

Developed by a third party

Semester B continues the enhancement of language skills. Vocabulary and grammar structures are revisited and expanded as students explore other French-speaking areas. Speaking and listening skills are enhanced through recommended real-life voice activities. Listening skills are honed through online dialogues. Reading and writing skills are developed through access to completion of meaningful activities related to travel, to the Olympics, to natural disasters, and to the space program. Reading of culturally related articles of interest and responding to reading in the target language, along with the use of technology, reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.

FRENCH 3

Grade: 9-12

Prerequisite(s):
French 1, French 2

Developed by a third party

French 3 Semester A contains six modules. Each module contains ten lessons. The purpose of the French 3 course is to further students' language acquisition and to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where French is spoken. This course is based on the ACTFL standards and provides students with opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and access various materials on generally familiar topics. Students identify the main idea(s) and details in texts, dialogues, and videos within a cultural context. They read and interpret authentic materials. They read, speak, write, and listen to short, cohesive passages in the present, past, and future times. Students extend their knowledge and understanding of the target language and culture(s). They learn the interrelationship of other cultures to their own by identifying behaviors appropriate in target cultures. Students will have a module exam after each module and will finish the semester with a semester exam.

Grade: 9-12

Prerequisite(s):
French 3 first semester

Developed by a third party

French 3 Semester B contains six modules. Each module contains ten lessons. The purpose of the French 3 course is to further students' language acquisition and to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where French is spoken. This course is based on the ACTFL standards and provides students with opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and access various materials on generally familiar topics. Students identify the main idea(s) and details in texts, dialogues, and videos within a cultural context. They read and interpret authentic materials. They read, speak, write, and listen to short cohesive passages in present, past, and future times. Students extend their knowledge and understanding of the target language and culture(s). They learn the interrelationship of other cultures to their own, by identifying behaviors appropriate in target cultures. Students will have a module exam after each module and will finish the semester with a semester exam.

GERMAN 1

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

This German 1A course is an introductory course teaching basic comprehension and communication in German. It coordinates the study of language with culture through the use of video, audio and mass media production. This course assumes prior or no knowledge of the German language. It introduces the fundamentals of conversational and grammatical patterns of the German language with presentations to present the material. Students who complete the course successfully will begin to develop a functional competency in the four primary language areas: speaking, reading, listening and writing, while establishing a solid grammatical base and exploration into German culture.

Grade: 9-12

Prerequisite(s):
German 1 first semester

Developed by a third party

The second semester course will expand on the knowledge gained from German 1A and further develop their skills in pronunciation, grammar skills, grammar structures and vocabulary.
Oral practice (via Voice Tools), homework assignments, games, songs, watching videos, quizzes, tests, projects and other activities such as writing wikis and journal entries, will be emphasized to accomplish this goal. The different cultures of the German-speaking world are emphasized through readings, videos and other activities. Taking the time to learn another language is a mind-expanding activity that can open up a world of opportunities and advantages.

GERMAN 2

Grade: 9-12

Prerequisite(s):
German 2

Developed by a third party

In this course, students build on grammar and language skills that they acquired during their G1A and G1B courses. While reviewing basic grammar skills, (present and past tenses), students learn and study stem-changing verb conjugation and explore cultural themes regarding current events, famous German people, music and famous festivals.

Grade: 9-12

Prerequisite(s):
German 2 first semester

Developed by a third party

In the second semester course, students increase their proficiency in being able to communicate by forming more complex German sentences in a variety of tenses using all four cases (Nominative, Accusative, Dative and Genitive). The variety of topics increases also, from exploring different careers to discussing relationships. Cultural themes are entwined throughout this course related to going shopping, to going to the zoo and also to travel throughout the German-speaking world.

Physical Education / Health

HEALTH EDUCATION

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Health Education (1 of 1) explores how behavioral choices, such as nutrition and physical activity, affect health, then provides information to make healthy choices. Topics include: nutrition and physical activity; growth, development, and sexual health; safety and injury prevention; alcohol, tobacco, and other drugs; mental, emotional, and social health; and personal and community health.

PHYSICAL EDUCATION

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Physical Education (1 of 2) examines the importance of physical activity, personal fitness, and healthy eating habits. Topics include: useful techniques and different aspects of sport and recreation, a personal fitness evaluation, the design of a personal exercise plan and tracking of results.

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Physical Education (2 of 2) explores key concepts that lead to improved fitness, wellness, and overall health. Topics include: description of the human body, including anatomy, physiology, and nutrition; practical applications, such as metabolism manipulation, correct exercise form, and effective programming for personal health goals.

PERSONAL FITNESS

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

In Personal Fitness (1 of 2), students explore key concepts from combative sports, gymnastics and tumbling, and a variety of team sports and activities. Students will also focus on advanced fitness guidelines, motor skill development, game strategy, and the physical, emotional, and cognitive factors that affect performance. Throughout the course, students evaluate their own fitness by setting goals, designing an exercise plan, and tracking their results.

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

In Personal Fitness (2 of 2), students explore how to develop physical fitness plans for themselves and others. They will begin by learning how to assess fitness levels, as well as how to set and modify fitness goals. Students will also learn how to become smart consumers by evaluating fitness products and programs. In addition, they will explore ways to become the best leaders they can be. Because this is a physical education course, students will exercise throughout the entire course. They are given the freedom to participate in physical activities that they enjoy. To track their progress, they will maintain a daily physical activity log.

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Electives

ACCOUNTING

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

In this semester course of our online Accounting course, students will explore accounting, including investigating accounting careers. Students will learn basic accounting skills and procedures, both with and without a computer, for general journals, general ledgers, cash payments journals, cash receipts journals, sales journals, accounts payable ledgers, and accounts receivable ledgers. Students will also learn how to reconcile a bank statement and to prepare payroll records. This course covers the basic principles of financial accounting for individuals and for companies with attention to both the mathematical formulas and to the ethical side of accounting. Each unit has practical exercises including a project at the end
of the unit.

ADOBE® ILLUSTRATOR

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:
Adobe® Creative Cloud for Education

This course introduces students to the Adobe Illustrator. Students will get an insight into what it is like working in the graphic design industry. Students will learn everything from absolute basics like navigating Illustrator to performing complex tasks like managing colors, drawing, creating illustrations, and much more. The online Adobe Illustrator course contains guided video tutorials, hands-on projects, and step-by-step resources that help students learn how to work in Illustrator. This course prepares students to take the Adobe Certified Professional in Graphic Design & Illustration Certification Exam.

ADOBE® PHOTOSHOP

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:
Adobe® Creative Cloud for Education

This course introduces students to Adobe Photoshop and prepares students to obtain the Adobe Certified Professional Certification for Adobe Photoshop. Students will get an insight into what it is like working in the visual and graphic design industry. Over 11 modules, students will learn everything from absolute basics like navigating Photoshop to performing complex tasks like editing and retouching photos, applying filters and effects, and even creating original artwork. The course contains guided tutorials, do-it-yourself projects, and great resources that will help students practice and learn how to work in Photoshop.

AGRISCIENCE I

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

This course will prepare students for careers in agriscience. Agriculture is the world's largest industry, so the critical nature of understanding how agriculture must thrive in unpredictable conditions cannot be overstated. Throughout the modules, students will gain an understanding of some of the fundamental issues in agriscience, including safety, environmental factors such as climate change and extreme-weather conditions, plant and animal science, and food safety. Additionally, students will explore how they can emerge as leaders in such a complex and exciting industry.

AGRISCIENCE II

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

In this course, students will explore the various components of agriscience careers and agricultural living. Beginning with career exploration, students will become familiar with the vast array of opportunities that exist in agriscience. They will discover what is necessary for the proper care and management of livestock from keeping living quarters clean to caring for newborn animals. Students will understand the ways in which plants, crops, and vegetation thrive in varying conditions. They will explore the fundamentals of running a successful agriscience operation as well as how agriscience affects and is affected by global economic conditions.

ANATOMY & PHYSIOLOGY

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

The aim of Anatomy and Physiology (1 of 2) is to expand upon what was learned in your biology class, while emphasizing the application of this material to human structures and functions. This course begins the study of human beings at the microscopic level and works its way up to an in-depth study of select organ systems. Special emphasis will be placed upon applying and demonstrating the information learned in this course through, not only tests and quizzes, but through special projects and collaboration as well.

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Anatomy and Physiology (2 of 2) is designed to give the student an understanding of how structure and function are related in the human body. The student will study the human body from the cellular level to the organ system level. All of the major body systems will be studied in great detail. Additionally, biochemistry, cell biology, histology, biotechnology, bioethics, and pathology will also be studied. This course is highly recommended for students seeking a career in science or a health-related profession.

ART APPRECIATION

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

What makes an artwork a masterpiece? Why do artists create art? What is the difference between Rococo and Art Nouveau? In this course, students will discover the answers to these questions and more. Students examine the elements of art and principles of design and explore how artists have used these elements and principles in the creation of art for centuries.

ART HISTORY: ORIGINS

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Art History: Origins (1 of 1) explores art of the prehistoric, ancient, medieval, Renaissance and Rococo periods to understand how to read and interpret art.

*Given the subject matter, the course is extensively visual. Please also be aware that this course includes depictions of nudity, as many art movements celebrated the human form. Many important and influential works of art include nudity, and it would be nearly impossible to teach art history without including them.

ART HISTORY: MODERN

Grade: 9-12

Prerequisite(s):
None

Course Intro Video

Art History: Modern (1 of 1) explores art of the late 1700s to modernity from Western movements in artworks and architecture to China, Japan, Africa, Oceania, Southeast Asia, India.

*Given the subject matter, the course is extensively visual. Please also be aware that this course includes depictions of nudity, as many art movements celebrated the human form. Many important and influential works of art include nudity, and it would be nearly impossible to teach art history without including them.

BUILDING MAINTENANCE TECHNOLOGY

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

The online Building Maintenance Technology course will focus on all aspects of the construction industry from health and safety to the tools that every construction professional needs in their collection. They will learn about the various roles in the industry as well as job outlooks, educational and experiential requirements, and salary information. Some activities will focus on career exploration to discover career options that best align with interests and talents. Students will learn basic construction math and how it is applied during design and building phases of projects. They will learn specifics about carpentry, construction drawings, framing floor systems, framing walls, and framing roofs. Throughout, they will establish a foundation for what opportunities exist for them in the industry. This course prepares students for the OSHA 30-hour construction certification.

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

The Building Maintenance Technology II course examines the multi-faceted construction industry. Students will explore contract documents and how each is pertinent to establishing business relationships with designers, clients, and other stakeholders. They will identify what goes into building a successful contract and how estimates, costs, and timeframes are estimated and calculated. Drafting techniques using CAD and BIM technology will also be discussed, specifically pertaining to how these technologies have transformed the building industry. Several logistical components like zoning, property lines, property setbacks, site elevations, calculating materials and labor costs, and establishing construction schedules are critical to the building process. Students will discover the impact of the built environment on the natural environment and how it has evolved over many years. Finally, students will learn about issues related to sustainability and creating more environmentally-friendly practices, procurement, and techniques in the construction industry. ¸ This course prepares students for the OSHA 30-hour construction certification.

BUSINESS LAW

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Students learn about the American legal system. They examine ethics, court systems, criminal law, and law of torts. They examine how the court systems work together, and what misconduct results in going to court. It is important to also understand your consumer rights. As they progress through the course, they will also gain an understanding from a business perspective what is right and wrong business actions and employment laws. As an employee or employer it is important to understand the laws that protect the employee and employer. The study will focus on the formation of a business and the basic legal issues associated with each type of business.

BUSINESS INNOVATION & STARTUPS

Grades: 9-12

Prerequisite(s):
None

Business Innovation and Startups (1 of 1) is designed to introduce students to the entrepreneurial process, from ideation to execution, fostering a mindset geared towards innovation and business development. Students will delve into key concepts such as market research, business model creation, funding strategies, and the legal aspects of starting a business. This curriculum encourages critical thinking and problem-solving skills, enabling students to conceptualize, develop, and pitch their own startup ideas. The program aims to cultivate the next generation of entrepreneurs, equipped with the knowledge and skills to navigate the challenges of the startup ecosystem.

One Semester Course NEW! Spark Course Career Explorations Collection

CAREER EXPLORATION IN FINANCE

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

Materials Needed:
None

This course introduces students to the challenging and lucrative world of finance. While "Wall Street" may still get a bad rap after the 2008 financial crisis, finance careers still remain highly sought after and can be highly rewarding. The course reviews key financial terms and examines various groups, positions, and roles within financial institutions. Students will learn about resumes, interviews, and networking. Students will also discuss ethics on Wall Street and the role of finance within society.

CAREER PLANNING

Grades: 9-12

Prerequisite(s):
None

Career Planning (1 of 1) assists students in identifying their interests, strengths, and values, guiding them towards making informed decisions about their future careers and educational pathways. It provides the students with a fundamental understanding of various career fields they can explore. This curriculum covers essential topics such as self-assessment, labor market exploration, resume building, and interviewing skills. Students will also learn about networking, goal setting, and the importance of adaptability in the workforce. The course aims to empower students with the knowledge and tools necessary to navigate their individual career journeys confidently and effectively.

CAREERS IN HEALTHCARE

Grades: 9-12

Prerequisite(s):
None

Careers in Healthcare (1 of 1) provides students with a comprehensive overview of the diverse and dynamic field of healthcare, highlighting the various career pathways available. Students will engage with topics such as patient care, medical ethics, healthcare administration, and public health, gaining insight into the skills and education required for different roles. The course will build an understanding of the challenges and rewards of working in healthcare and inspire students to pursue further education and careers in this critically important and evolving sector.

CHARACTER EDUCATION

Grades: 9-12

Prerequisite(s):
None

Course Intro Video

Character Education (1 of 1) explores values of truthfulness, trustworthiness, responsibility, diligence, and integrity. The course offers specific, real world situations to interpret and connect to these traits to provide safe and appropriate ways to respond in real time. Topics include: identifying bullying, how to develop a bullying-prevention mindset.

CHILD DEVELOPMENT

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

In this course, students will learn about childcare development and the caring of children. Students who work as a babysitter, a camp counselor, or at a daycare would benefit from the material presented. Topics covered include prenatal development through pre-adolescence, and the physical, emotional, intellectual, and social development is covered. Also included is a module on health and safety issues.

AP® COMPUTER SCIENCE A

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:

Course material and interactive online system can be accessed from any HTML5-compliant web browser on standard computers, laptops, or tablets with an Internet connection.

In order to complete hands-on projects, students will use a computer with one of the following operating systems:

Windows 7, Windows 8, Windows 10

Mac OS version 10.7 or higher

AP Computer Science A is a year-long introductory, college-level computer science course. In this course, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts such as modularity, variables, and control structures. College level AP Computer Science is designed to help students prepare to take the Advanced Placement AP Computer Science A Exam ™ administered by the College Board.

The Java Programming course teaches students all Java skills required on the “AP Computer Science A” exam. While it can be taken standalone with no pre-requisites, this is one of our most advanced courses, and some degree of technical comfort is recommended.

AP® COMPUTER SCIENCE PRINCIPLES

Grade: 9-12

Prerequisite(s):
Intro to Java Programming

Developed by a third party

Required Materials:

- Windows 7, Windows 8, Windows 10
- Mac OS version 10.7 or higher
- This course uses the following electronic textbook:
  [1] Computer Science Foundations online text, by CompuScholar, Inc. 2022
  ISBN 978-1-946113-02-3.
- This course uses an in-browser Python coding environment.
  This online feature may be used by students to complete all exercises and activities in all required AP chapters

This AP Computer Science Principles (CSP) class uses the CompuScholar Computer Science Foundations[1] curriculum as the primary resource. It is taught as a one-year (two-semester) sequence and covers all required topics in the “Computer Science Principles” course description published by the College Board. The Python language is taught as the basis for programming topics. Students need to have typical computer usage skills prior to starting this course. Other introductory programming courses are not required. All required concepts are taught from the ground up in a fun, step-by-step manner. The course includes uses a variety of multimedia content such as full-color, interactive text, narrated instructional videos, and guided exercises. Strong emphasis is placed on hands-on programming labs to demonstrate mastery of lesson concepts. This course is fully aligned with the AP Computer Science Principles Course and Exam Description. This allows teachers to easily leverage the additional material and practice questions in the AP Classroom.

CRIMINOLOGY & FORENSICS

Grades: 9-12

Prerequisite(s):
None

Criminology and Forensics (1 of 1) is a beginner level course on the topics of crime and forensic procedures exploring topics on crime and criminology, witnesses and perpetrators, and the crime lab.

CRIMINOLOGY & JUSTICE

Grades: 9-12

Prerequisite(s):
None

Criminology and Justice (1 of 1) is a beginner-level course on criminal procedures that explores the criminal justice system, non-forensic evidence, and what happens inside the courtroom. It is an introduction the Public Services CTE pathway.

EARLY CHILDHOOD EDUCATION I

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

The Early Childhood Education course is designed to provide an overview of the expectations and roles of the early childhood educator. The course provides details about childhood development, health, nutrition, and guidance strategies to help students understand the exciting and unique opportunities that a career in early childhood education can offer. The course is intended to prepare students for challenges they may face, but to emphasize the rewards of being able to influence the life of a young child. The ability to offer support to children as they learn and grow is a point that is highlighted throughout each lesson.

EARLY CHILDHOOD EDUCATION II

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

The Early Childhood Education Two course is designed to provide an overview of the professional expectations of being an early childhood educator. Throughout the course, students will learn about what it means to be a professional, including the significance of professional development in any educational role. They will review observational methods and the history of education in the United States, with a focus on early childhood and school-age programs. They will spend a significant portion of the course learning about the importance of Developmentally Appropriate Practice and how to implement DAP strategies. Designing physical, social, and temporal environments will also be a major focus of the course, as will developing relationships with families and communities to strengthen their position and knowledge. This course prepares students for the Child Development Associate (CDA). Certification requires that students take both Early Childhood Education I and Early Childhood Education II. These courses prepare students for the preapplication phase of 120 hours of instruction in the core areas of focus.

One Semester Course NEW! Spark Course Career Explorations Collection

ENTREPRENEURSHIP

Grades: 9-12

Prerequisite(s):
None

Entrepreneurship (1 of 1) explores entrepreneurial characteristics, business leadership, and the skills and steps involved in marketing, developing, starting, and exiting a business. Key topics and activities include hands-on projects to apply the knowledge as a small business owner and entrepreneur. The course is aligned to the Marketing, Sales, and Services CTE pathway.

FASHION DESIGN

Grades: 9-12

Prerequisite(s):
None

Fashion Design (1 of 2) explores the tools and principles of fashion design. Topics include: the use of color, creation of an inspiration board, fabrics and materials, and tools and machines used by fashion designers.

Grades: 9-12

Prerequisite(s):
None

Fashion Design (2 of 2) explores the skills and education required in the fashion industry. Topics include: the range of jobs in the industry, skills for success, such as interviewing, workplace communication, and teamwork.

GAMING & E-SPORTS

Grades: 9-12

Prerequisite(s):
None

Gaming and eSports (1 of 1) offers students an immersive journey through the evolution of video games and the rise of eSports, from their humble beginnings to their current status as a global phenomenon. This curriculum covers a range of topics including the technological advancements in gaming, cultural impacts, business models, and the development of competitive gaming scenes. Additionally, students will explore career opportunities within the gaming industry and the skills required to succeed. The course is designed to engage students with interactive learning experiences and critical thinking about the social, economic, and educational aspects of gaming and eSports.

GAMING UNLOCKED

Grades: 9-12

Prerequisite(s):
None

Gaming Unlocked (1 of 1) researches the basics of gaming, from what makes games fun to what makes them work by exploring quality in a variety of games such as mental games, board games, and video games.

This course does not require students to know or learn a programming language. The emphasis is on the history and design of games and the different careers available in the game industry.

One Semester Course NEW! Spark Course Career Explorations Collection

GRAPHIC & WEB DESIGN

Grades: 9-12

Prerequisite(s):
None

Graphic and Web Design (1 of 1) explores visual communication and explores the range of careers in the field. Topics include: principles of design, ethics of creative fields, and the publishing process.

INTERIOR DESIGN

Grades: 9-12

Prerequisite(s):
None

Interior Design (1 of 2) explores the principles and elements of design. Topics include: skills, roles and responsibilities of interior designers, specialties of interior design, history of design, design materials, furniture, accessories, and modern developments affecting interior design, such as the Americans with Disabilities Act (ADA), universal design, and green design.

Grades: 9-12

Prerequisite(s):
None

Interior Design (2 of 2) explores career options in residential, commercial, and mobile design, getting credentialed, and networking in professional organizations. Topics include: leadership, group dynamics, codes of ethics; lighting, windows, walls, furniture, accessories, textiles, and floor treatments in residential and commercial designs as well as related information on materials, fabrication, and installation; review of the elements and principles of design, the Americans with Disabilities Act (ADA), and universal design.

INTRO TO ARTIFICIAL INTELLIGENCE

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks.

Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.

INTRO TO BUSINESS

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

This course introduces students to the basic business concepts that will help them understand how a business survives in today's economy and the role that consumers play in the same economy. Students will learn how to balance a checkbook, save for the future, and use credit wisely. Students will also learn how to create a resume and how to participate in a job interview.

INTRODUCTION TO ROBOTICS

Grades: 9-12

Prerequisite(s):
None

Introduction to Robotics (1 of 1) introduces the students to the exciting world of robots. It shows how robots are used in modern industries and everyday life. The course starts with the history of robotics. The students will learn about important events and inventions that have shaped robotics over time. They will also learn what robots are, how they work, and the main parts of robots, like sensors, motors, and control systems. Basic programming ideas, such as algorithms and logic, will help the students understand how robots follow instructions to complete tasks.

The students will discover how robots make work safer and easier. They will learn how robots automate tasks, improve efficiency, and work in dangerous places. The course will teach how to design a simple robot and how sensors help robots understand their surroundings. The students will also see how artificial intelligence helps robots make decisions. Topics about robot ethics and the future of robotics will be discussed. These include how robots can help with big problems like protecting the environment. By the end of the course, the students will understand robotics and its role in the world. They will also feel inspired to explore STEM careers.

JAVASCRIPT TOWER DEFENSE

Grades: 9-12

Prerequisite(s):
Best if students have complete any coding course or the JavaScript Game Design Course.

Developed by a third party

Required Materials:
Students must have access to a computer with internet access and an internet browser. The computer may run Windows® or Mac® OS, no Chromebooks®.

This course introduces students to Microsoft Excel. Knowledge of this fundamental spreadsheet software has proven to boost career and employment prospects. Excel skills can boost productivity as a student and are useful in daily life, such as managing personal finances. Through an engaging and scaffolded approach, students advance from absolute basics like formatting and navigation, to performing complex tasks like data manipulation, macros, and PivotTables. This course prepares students for the Microsoft Office Specialist Excel Certification.

JOURNALISM

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

This course is designed to prepare you to become a student of journalism and media. The work we do here will equip you with the critical skills you must have to succeed in high school media, college media, and beyond. We will read a variety of journalistic material and do a great deal of news writing. We will also look at journalism from legal, ethical, and historic vantage points. Expect to complete numerous writing activities in a variety of styles including editorial, hard news, feature, review, and more. If you participate actively, you will gain tremendous skills that will serve you for the rest of your life. Individual and group project will also be a part of this class. This course is a project based course and does not include traditional tests, unit level understanding is assessed through unit projects.

MEDIA & COMMUNICATION

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

From banner ads to billboards, newspaper articles, and Facebook feeds, people are constantly sharing ideas. This course looks at the many facets of mass media. Students will learn how the media shapes every aspect of our lives. Students examine the role of newspapers, books, magazines, radio, movies, television, and the growing influence of Facebook, YouTube, and Twitter.

MICROSOFT® EXCEL+

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:
Microsoft Excel®

This course introduces students to Microsoft Excel. Knowledge of this fundamental spreadsheet software has proven to boost career and employment prospects. Excel skills can boost productivity as a student and are useful in daily life, such as managing personal finances. Through an engaging and scaffolded approach, students advance from absolute basics like formatting and navigation, to performing complex tasks like data manipulation, macros, and PivotTables. This course prepares students for the Microsoft Office Specialist Excel Certification.

MICROSOFT® POWERPOINT

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

Required Materials:
Microsoft® PowerPoint

This course introduces students to Microsoft PowerPoint. Students will gain critical skills in this essential presentation software, which will benefit them in their education and professional futures. Students start by learning fundamentals like slide creation and navigation, and progress to more complex tasks like 3DModels, Animations, and Transitions.

One Semester Course NEW! Spark Course Career Explorations Collection

MICROSOFT® WORD

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

This course introduces students to the world of Microsoft word. Students will get an insight into the use of the product within the business setting. Over 11 modules, students will learn everything from absolute basics like navigating Microsoft Word to performing complex tasks like graphic elements and collaboration. This course prepares students for the Microsoft Office Associate Microsoft Word Certification.

MUSIC APPRECIATION

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

Students will gain a thorough understanding of music by studying the elements of music, musical instruments, and music history, as well as music advocacy. Students will be introduced to the orchestra and composers from around the world. They will be required to be a composer, performer, instrument inventor, and advocate.

PERSONAL FINANCE & MONEY MANAGEMENT

Grades: 9-12

Prerequisite(s):
None

Personal Finance and Money Management (1 of 1) prepares students to achieve their financial goals and navigate the financial landscape confidently. The course explains how personal values and biases impact financial choices. Students learn about income, loans, taxes, entrepreneurship and gig work, and planning for higher education. The lessons illustrate how to manage financial accounts, use credit wisely, and research and establish different investment accounts. Other focuses of the course include home ownership; costs and features of different types of insurance; federal roles in regulating financial markets; avoiding identity theft; and comparisons of stocks, bonds, mutual funds, real estate, and digital currencies as investments.

PHOTOGRAPHY BASICS

Grades: 9-12

Prerequisite(s):
None

Course Intro Video

Photography Basics (1 of 1) explores proper use of photography equipment, how to build a portfolio of work, and describes the steps to starting a career in this field. Topics include: the habits and etiquette of the profession.

*Photography equipment is not needed. Practice is offered through with digital simulations.

One Semester Course NEW! Spark Course Career Explorations Collection

PRINCIPLES OF MARKETING

Grades: 9-12

Prerequisite(s):
None

Course Intro Video

Principles of Marketing (1 of 1) explores the interactions between businesses, consumers, and the economy as well as the role of marketing and how marketers get their information. The course culminates in the creation of a marketing plan.

PROFESSIONAL SALES

Grades: 9-12

Prerequisite(s):
None

Course Intro Video

Professional Sales (1 of 1) explores the role sales plays in the national economy, the importance of ethical behavior in business. Topics include: how to build, train, motivate, and evaluate a sales team; the role of buying motives; the selling process; and the importance of data. The course is aligned to the Marketing, Sales, and Services CTE pathway.

PSYCHOLOGY

Grades: 9-12

Prerequisite(s):
None

Course Intro Video

Psychology (1 of 2) explores human behavior, behavior interaction and the progressive development of individuals. Topics include: major theories and orientations of psychology, psychological methodology, human growth and development, individual variation and personality, psychobiology, as well as sensation and perception.

*This course maybe taken as a full year, or just (1 of 2) for a semester course.

Grades: 9-12

Prerequisite(s):
None

Course Intro Video

Psychology (2 of 2) explores human social interactions, psychological therapies, and careers in the field. Topics include: psychological perspectives, positive relationships, social and cultural diversity, language structures, memory and cognition, psychological testing, statistical research, stress/coping strategies, and mental health.

One Semester Course NEW! Spark Course Career Explorations Collection

PUBLIC SPEAKING

Grades: 9-12

Prerequisite(s):
None

Course Intro Video

Public Speaking (1 of 1) explores effective communication skills for success in a variety of speaking situations. Topics include: small and large group discussions, delivery speeches in front of audiences, research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

ROBLOX® WORLDS CODING WITH LUA

Grades: 9-12

Prerequisite(s):
Best if students have complete any coding course or the JavaScript
Game Design Course.

Developed by a third party

Required Materials:
Students must have access to a computer with internet access and an internet browser. The computer may run Windows® or Mac® OS, no Chromebooks®.

In this course there are 10 modules teaching students LUA using Roblox Studio This course assumes no prior coding knowledge as students follow the lessons to program multiple interactions within your obstacle course. The course allows students to customize and expand on all lessons as they create their own obstacle course and adding custom LUA scripts in each lesson.

SOCIAL MEDIA MARKETING

Grades: 9-12

Prerequisite(s):
None

Social Media Marketing (1 of 1) is designed to equip students with the skills necessary to navigate the dynamic world of digital marketing, focusing primarily on leveraging social media platforms. Throughout the course, learners will explore topics such as brand management, content creation, data analytics, and audience engagement strategies, enabling them to craft effective marketing campaigns. This curriculum aims to prepare students for future careers in marketing by providing knowledge of the tools and techniques used by industry professionals. Students will be required to create and use accounts on Facebook, Twitter (X), and Instagram. This hands-on experience is essential for understanding digital marketing strategies and engaging in real-world marketing activities, analyzing data, and developing audience-focused content.

SOCIOLOGY

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

Sociology examines the basics of sociology, which is the study of society including individuals, human groups, and organizations. The course is divided into four main areas: the sociological perspective, social structures, inequality in society, and social institutions and change. Students will examine controversies around social change, inequality, gender, and race. The course revolves around an overview of the field with projects that offer the student a chance to explore from a sociologist's perspective.

STUDY SKILLS & STRATEGIES

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

The Study Skills and Strategies course equips students with skills and understandings critical to effective learning. Using a unique approach to the traditional topic of study skills, this course weaves understanding regarding the role of the brain in learning into the instruction of discrete learning skills and strategies. Moving beyond a list of good tips and ideas, the Study Skills and Strategies course will challenge students to develop intentional approaches to learning. They will be required to make connections between the strategies and skills they learn in this course and the implementation of those strategies and skills in their other coursework. Upon completion of the course, students will have learned a variety of specific learning skills and strategies, gained greater understanding of their own learning preferences, and become prepared to develop and implement specific learning and study plans for any academic course or other learning needs.

THEATER STUDIES

Grades: 9-12

Prerequisite(s):
None

Developed by a third party

Have you ever wondered how a play goes from the playwright's mind all the way into a multi-million dollar Broadway production? In this course, you'll learn the whole process! This course provides a thorough introduction to the theater by providing an overview of major topics in theater studies, with a blend of theoretical and practical lessons. In the first half of this course you will learn about the definitions of theater, theater history, and contemporary theatrical genres. The second of half of the course will guide you through all of the elements of putting on a professional theatrical production. You will learn about the entire production process, from playwriting through opening night, including elements of technical theater, the rehearsal process, and audience response. Whether you're an aspiring actor, technician, director, or producer, or even just an avid theater-goer, this course is for you.