STRONGMIND MANAGEMENT OF STRONG MIND

2024-2025

9-12 COURSE CATALOG

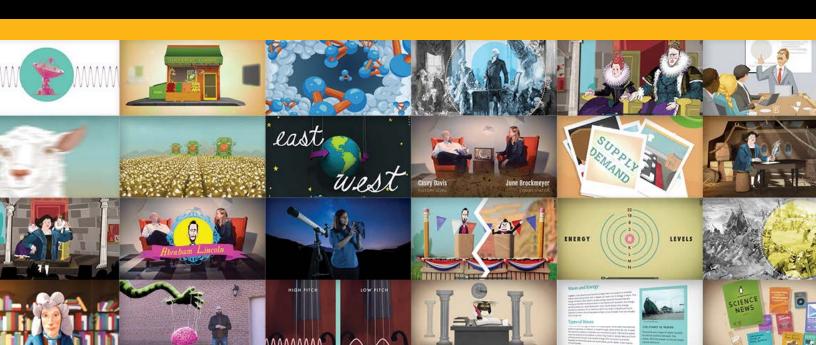


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StrongMind is committed to the Quality Matters mission of creating and maintaining high quality courses for online learning.

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.

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.

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.

ENGLISH 11 HONORS

Grade: 11

Prerequisite(s): English 11 honors first semester

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.

PRE-ALGEBRA - GRADE 6-9

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

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.

ALGEBRA 1 HONORS- GRADE 9-12

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.

(Semester Course

GEOMETRY - GRADE 9-12

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.

GEOMETRY HONORS - GRADE 9-12

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): Geometry 1 honors 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.

Semester Course

ALGEBRA 2 - GRADE 9-12

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.

ALGEBRA 2 HONORS- GRADE 9-12

Grade: 9-12

Prerequisite(s): Algebra 1honors & Geometry honors

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.

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CONSUMER MATH - GRADE 9-12

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.

PHYSICAL SCIENCE

Grade: 9-12

Prerequisite(s):
None

Developed by a third party

Physical Science (1 of 2) 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): Physical Science First Semester

Course Intro Video

Physical Science (2 of 2) 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.

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.

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HONORS BIOLOGY

Grade: 9-12

Prerequisite(s):

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.

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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.

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SOCIAL STUDIES

WORLD HISTORY - GRADE 9-12

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.

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HONORS WORLD HISTORY - GRADE 9-12

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

Grade: 9-12

Prerequisite(s):

None

Course Intro Video

US History (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.

Grade: 9-12

Prerequisite(s): US History First Semester

Course Intro Video

US History (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.

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HONORS US HISTORY - GRADE 9-12

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

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

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.

ECONOMICS - GRADE 9-12

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.

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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.

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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.

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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):

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.

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

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):

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):

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.

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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.

② STRONGMIND

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.

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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.

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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.

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GRADES 9-12 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

Physical Fitness (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 Fitness (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.

ART HISTORY: MODERN

(1)

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.

ART HISTORY: ORIGINS

(1)

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.

BUSINESS INNOVATION



Grades: 9-12
Prerequisite(s):
None

Students hear a lot of contradictory advice in life. On one hand, they may hear something like "Follow your dreams. Pursue your passion and the money will come!" On the other hand, they may hear something completely opposite, like "Most startups fail! It's much safer to get a safe, steady job." So which side is right? Given the massive changes to the economy and society, the skills of entrepreneurship are going to be critical in building a lasting career. The entrepreneurial mindset of searching for opportunities, creating value, and solving pain points will always be valuable. And this mindset applies not just to starting a business, but in any organization that someone is a part of: school, established companies, or non-profits. In this course, students will explore how to use this mindset to create the next world-class startup.

CAREERS IN HEALTH CARE



Grade: 9-12
Prerequisite(s):
None

This course introduces students to the exciting and varied career opportunities in the health care industry that will be in demand in their future! The course will introduce the roles and tasks, identify education and skills needed, identify responsibilities of roles which support or supervise their role, analyze legal and ethical responsibilities, limitations, and implications for each of these professions. Get ready. Get set. Learn about the Future of Health Care Careers!

(Semester Course

CAREER PLANNING

(1)

Grades: 9-12
Prerequisite(s):
None
Developed by a third party

The Career Planning course guides students through the essential elements of the career planning process and the development of a defined career plan. Students will consider the many factors that impact career success and satisfaction. Using a process of investigation, research, and self-discovery, students will acquire the understandings critical to the career planning process. Upon completion of the course, students will have created a practical and comprehensive college or career transition portfolio that reflects their skills and abilities, as well as their interests, values, and goals.

CHARACTER EDUCATION

(1)

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.

Semester Course

CRIMINOLOGY & FORENSICS

(1)

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

(1)

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.

ENTREPRENEURSHIP

(1)

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

(1)

Grades: 6-8

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.

(1)

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.

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GAMING AND ESPORTS

(1)

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.

GRAPHIC & WEB DESIGN

(1)

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.

GAMING UNLOCKED

(1)

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.

INTERIOR DESIGN

(1)

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.

(1)

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.

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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.

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):

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.

SERVICE LEARNING



Grades: 9-12
Prerequisite(s):
None

Service Learning is an independent study course designed for high school students to delve into areas of interest aligned with their post—graduation career goals. Throughout the course, students will engage in activities that encourage self—directed learning and personal growth. Weekly reflections will provide a platform for students to analyze their experiences, articulate lessons learned, and refine their understanding of their chosen field. The course culminates in a comprehensive written description of the journey, synthesizing their acquired knowledge and experiences, and demonstrating their readiness for future career endeavors.

SOCIAL MEDIA MARKETING



Grades: 9-12
Prerequisite(s):
None

The Social Media Business Marketing course is intended to prepare students to become Social Media Strategists. This course begins with an introduction to Social Media platforms and then goes in depth into the marketing and advertising strategies used to support a business in Business Social Media Marketing. Through activities and projects students will gain firsthand knowledge of this fulfilling field. This course prepares students for the Social Media Strategist certification.

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