



Edmentum Course Catalog

Secondary Course Descriptions





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Core Courses

A comprehensive 4x4 offering of engaging and award-winning courses, aligned to state and national standards and based on leading research and proven best practices.

Math Courses

Integrated Math

This course provides an introduction to Algebra I and Geometry. It covers linear equations, graphing lines, quadratic equations, function notation, rational expressions and equations. Additional topics include lines and planes, rays and angles, two-column proofs, congruent triangles, trigonometric relations, polygons and circles, geometric solids, coordinate geometry, graphing equations, and data analysis.

* Available via Plato Courseware and EdOptions Academy

Algebra 1

A comprehensive study of all of the concepts of Algebra I required to meet state and Common Core standards. With multiple opportunities for practice and review, students easily master skills including variables, linear equations, quadratic equations, function notation, and exponential functions.

* Available via Plato Courseware and EdOptions Academy

Algebra 2

Algebra 2 expands on the algebraic functions learned in Algebra I by bringing in concepts of linear, quadratic, and simultaneous equations; laws of exponents; progression; binomial theorems; and logarithms. The course units are competency-based. Learners experience new situations which they practice in a real-world environment and match to previous learning.

* Available via Plato Courseware and EdOptions Academy

Consumer Mathematics*

This course explains how four basic mathematical operations – addition, subtraction, multiplication, and division – can be used to solve real-life problems. It addresses practical applications for math, such as wages, taxes, money management, and interest and credit. Projects for the Real World activities are included that promote cross-curricular learning and higher-order thinking and problem-solving skills.

* Available via Plato Courseware and EdOptions Academy

Geometry

A comprehensive examination of geometric concepts, each lesson provides thorough explanations and builds on prior lessons. Step-by-step instruction and multiple opportunities for self-check practice develop skills and confidence in students as they progress through the course. The course features animations, which allow students to manipulate angles or create shapes, such as triangles, engage students in learning and enhance mastery. Labs extend comprehension by giving students hand-on experiences.

* Available via Plato Courseware and EdOptions Academy



Math 6A

This semester-long middle school course will provide students with a deep understanding and mastery of the objectives that will prepare them for algebra. It is aligned to Common Core State Standards, and is based on best practices in the teaching of mathematics and the disciplines of STEM learning. Students will develop 21st century skills as they master ratios and proportional relationships; the number system; and number visualization. The course is highly engaging while being easy for teachers to customize and manage.

* Available via Plato Courseware and EdOptions Academy

Math 6B

Building on the concepts mastered in Math 6A, this middle school course is Common Core-aligned and further prepares students for the rigors of algebra. Units include: expressions and equations; geometry; and statistics and probability. Each unit focuses on mastering specific Common Core objectives. For example, Unit 2 addresses geometry objectives 6.G-1, 6.G -2, 6.G -3, 6.G -4. Taken together, the elements of this course are designed to help students learn in a multifaceted but straightforward way.

* Available via Plato Courseware and EdOptions Academy

Math 7

Math 7 builds on material learned in earlier grades, including fractions, decimals, and percentages and introduces students to concepts they will continue to use throughout their study of mathematics. Among these are surface area, volume, and probability. Real-world applications facilitate understanding, and students are provided multiple opportunities to master these skills through practice problems within lessons, homework drills, and graded assignments.

* Available via Plato Courseware and EdOptions Academy

Pre-Algebra

This course sharpens students' arithmetic skills and illustrates abstract concepts by introducing linear equations, number patterns, the order of operations, linear inequalities, fractions, exponents, and factoring. Some basic components of geometry are discussed.

* Available via Plato Courseware and EdOptions Academy

Precalculus

Precalculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. Precalculus also provides a detailed look at trigonometric functions, their graphs, the trigonometric identities, and the unit circle. Finally, students are introduced to polar coordinates, parametric equations, and limits.

* Available via Plato Courseware and EdOptions Academy

Probability and Statistics*

This course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions.

* Available via Plato Courseware and EdOptions Academy



English Language Arts Courses

English 6

This course provides a strong foundation in grammar and the writing process. It emphasizes simple but useful composition and language mechanics strategies with multiple opportunities for modeling practical, real-world writing situations that will enable students to improve their written communication skills quickly. Through a variety of grade-appropriate reading selections, students develop a clear understanding of key literary genres and their distinguishing characteristics.

* Available via Plato Courseware and EdOptions Academy

English 7

English 7 Integrates the study of writing and literature through the examination of a variety of genres. Students identify the elements of composition in the reading selections to understand their function and effect on the reader. Practice is provided in narrative and expository writing. Topics include comparison and contrast, persuasion, and cause and effect essays, as well as descriptive and figurative language. Lessons are supplemented with vocabulary development, grammar, and syntax exercises, along with an introduction to verbal phrases and research tools.

* Available via Plato Courseware and EdOptions Academy

English 8

Extends the skills developed in English 7 through detailed study of parts of sentences and paragraphs to understand their importance to good writing. Students also acquire study skills such as time management and improved test-taking strategies. Other topics include punctuation, word choice, syntax, varying of sentence structure, subordination and coordination, detail and elaboration, effective use of reference materials, and proofreading.

* Available via Plato Courseware and EdOptions Academy

English 9

English 9 introduces the elements of writing poems, short stories, plays, and essays. Grammar skills are enhanced by the study of sentence structure and style and by student composition of paragraphs and short essays. Topics include narration, exposition, description, argumentation, punctuation, usage, spelling, and sentence and paragraph structure.

* Available via Plato Courseware and EdOptions Academy

English 10

This course focuses on using personal experiences, opinions, and interests as a foundation for developing effective writing skills. Skills acquired in English I are reinforced and refined. Literary models demonstrate paragraph unity and more sophisticated word choice. A research paper is required for completion of course. Topics include grammar, sentence and paragraph structure, organizing compositions, and the research paper.

* Available via Plato Courseware and EdOptions Academy



English 11

Each unit in English 11 uses a central theme to teach reading, writing, grammar, and mechanics, providing learners with a cohesive and connected learning experience. Units provide a comprehensive overview of American literature from pre-1800 forward, including early American literature, depression-era literature, and contemporary literature. Assigned readings include American masters, and course discussions provide an opportunity for discourse on specific course concepts and their applications. In this way, the course encourages the development of critical twenty-first-century skills.

* Available via Plato Courseware and EdOptions Academy

English 12

English 12 builds on the reading, writing, grammar, and mechanics concepts developed in English 11. Each unit allows students to learn both reading concepts and writing skills. By reading and analyzing a variety of literature, students learn about elements of fiction, such as theme, plot, and setting. They examine figurative language in poetry and drama and continue to focus on important writing skills, such as sentence and paragraph structure, sequencing, and proofreading. English 12 spans literary history from the Anglo-Saxons and the medieval period through the Victorian age and contemporary literature.

* Available via Plato Courseware and EdOptions Academy

Structure of Writing*

This semester-long course focuses on building good sentences. Students will learn how to put words, phrases, and clauses together and how to punctuate correctly. They will start using sentences in short compositions. As an extra bonus, students will add some new words to their vocabulary, and they will practice spelling difficult words. Near the end of the course, students are to submit a book report. Early in the course, encourage students to start looking for the books they want to read for the book report. They might also preview the introduction to that lesson so they know what will be expected.

* Available via Plato Courseware and EdOptions Academy

Science Courses

Biology

Students develop a clear understanding of the sometimes complex concepts at the root of life science. Course units cover genetics and evolution, cell structure, multiple units on the diversity of life and on plant structure and function. For example, the unit on cell structure and specialization drills down into mitosis, meiosis, and cancer and carcinogens.

* Available via Plato Courseware and EdOptions Academy

Chemistry

The course surveys chemical theory, descriptive chemistry, and changes in matter and its properties. Students learn how to classify different states of matter as well as how atoms and compounds are structured. Additional areas of discussion include chemical energetics, measurements, bonding, stoichiometry, ionization, hydrocarbons, oxidation and reduction. A variety of simple lab experiments are included.

* Available via Plato Courseware and EdOptions Academy



Earth and Space Science

This course surveys basic physical sciences such as geology, biology, meteorology, oceanography, astronomy, botany, and physics and their impact on the earth. Students are guided to a better understanding of how the earth and the universe are structured.

* Available via Plato Courseware and EdOptions Academy

Integrated Physics & Chemistry

The lessons in this course employ direct-instruction approaches. They include application and Inquiry-oriented activities that facilitate the development of higher-order cognitive skills, such as logical reasoning, sense-making, and problem solving.

* Available via Plato Courseware and EdOptions Academy

Life Science

Each unit in Life Science uses a central theme to teach Life Science concept, thus providing learners with a cohesive and connected learning experience. The course begins with an overview of scientific inquiry, and subsequent units explore the cellular and chemical bases of life, classification and diversity of life, and genetics.

* Available via Plato Courseware and EdOptions Academy

Physical Science

Beginning with the first unit, Properties and Structures of Matter, Physical Science is a comprehensive exploration of the physical world. of the course studies inanimate matter as well as topics in astronomy and geology, and broadens the student's understanding of the states of matter by applying them to weather and atmosphere. Other units include; Forces and Motion; Energy and its Application; and Chemistry Fundamentals.

* Available via Plato Courseware and EdOptions Academy

Physics

Physics introduces students to the physics of motion, properties of matter, force, heat, vector, light, and sound. Students learn the history of physics from the discoveries of Galileo and Newton to those of contemporary physicists. The course focuses more on explanation than calculation and prepares students for introductory quantitative physics at the college level. Additional areas of discussion include gases and liquids, atoms, electricity, magnetism, and nuclear physics.

* Available via Plato Courseware and EdOptions Academy



Social Studies Courses

African American Studies*

This semester-long course traces the experiences of Africans in the Americas from 1500 to the present day. In this course, students will explore history, politics, and culture. Although the course proceeds in chronological order, lessons are also grouped by themes and trends in African American history. Therefore, some time periods and important people are featured in more than one lesson.

* Available via Plato Courseware and EdOptions Academy

American Government

American Government is a comprehensive survey of the operation and development of federal, state, county, and city governments. The course examines all aspects of government: its statute making, diplomacy, labor policies, public finance, and the contrasts between national, state and local levels of government. Areas of discussion include the Constitution; civil rights and equality; the legislative, judicial and executive branches; the Federal Reserve System, and foreign policy.

* Available via Plato Courseware and EdOptions Academy

American History 1

Examines the founding and development of the United States from the start of European exploration and settling of the original colonies to how it grew and became a powerful united nation. Topics covered include the pre-colonial cultures of Indigenous peoples, the arrival and impact of Europeans in North America, the Revolutionary War, Manifest Destiny, the Civil War, the Industrial Revolution, the United States in the 20th Century, and the influence of immigration on American society and culture.

* Available via Plato Courseware and EdOptions Academy

American History 2

Building on American History 1, this course develops an understanding of American culture, historical events, and life, learners develop skills to identify, analyze, and evaluate information presented in a variety of formats, including Internet-based research. In addition, learners develop the ability to evaluate and discuss (both orally and in writing) the impact of various events, issues, persons, and trends on American culture, historical events, and life.

* Available via Plato Courseware and EdOptions Academy

Civics

Interactive, problem-centered, and inquiry-based, each unit in Civics emphasizes the acquisition, mastery, and processing of information. Every unit features both factual and conceptual study questions, Instructional strategies include Socratic instruction, student-centered learning, and experiential learning. Topics covered range from Basic Concepts of Power and Authority and National Institutions of Government to analyses of society and citizenship.

* Available via Plato Courseware and EdOptions Academy



Economics

This course leverages diverse resources from the National Council on Economic Education in partnership with the National Association of Economic Educators, and the Foundation for Teaching Economics. It begins with providing a basic understanding of the U.S. economy and its relationship to the world economy. It then covers macro issues such as government and the economy and micro issues such as entrepreneurship and consumer issues.

* Available via Plato Courseware and EdOptions Academy

Geography

Each unit in Geometry builds on the previous unit in a spiraling curriculum manner. Students first explore the basics of geometry and then start to develop proofs related to each of the geometric concepts they have covered. Beginning with examining the role of the geographer and an overview of world geography, the course focuses on U.S. and North American geography before moving on to an examination of Europe, Oceania, and other areas of the world. Engaging content connects students to the physical world around them.

* Available via Plato Courseware and EdOptions Academy

Middle School US History

This semester of Middle School US History covers the people who lived in the Americas before European settlers arrived, how the United States was founded, and how it grew and changed over time. The students may be familiar with some of the topics that appear in these lessons, but others will be new. Students should read all the content and think about it carefully as they work through the course.

* Available via Plato Courseware and EdOptions Academy

Middle School World History*

This is an engaging, course offering students an in-depth but easily understood view of the human experience, from the earliest civilizations through the Age of Enlightenment. Interactive features allow students to apply their mastery of lessons through such activities as customizing maps and designing feudal villages. An audio pronunciation guide assists students' ability to say and remember the names of people and places. Frequent self-check practice questions and homework assignments prepare students for the accompanying assignments.

* Available via Plato Courseware and EdOptions Academy

Native American Studies: Contemporary Perspectives*

This course complements Native American Studies: Historical Perspectives. It explores Native American worldviews, art, media perspectives on Native Americans, and contemporary perspectives and organizations. It concludes by providing a global perspective by examining issues face by indigenous peoples throughout the world.

* Available via Plato Courseware and EdOptions Academy



Native American Studies: Historical Perspectives*

By providing historical perspectives, this course provides a comprehensive understanding of the roots of Native American culture. The topics addressed include an exploration of the Native American history in the arctic and subarctic, various regions of the U.S., and the development of Native American life as it became increasingly affected by

* Available via Plato Courseware and EdOptions Academy

World History Since 1500

This course follows human history from the Renaissance and the end of the Middle Ages until the present day. Topics covered include the Renaissance, the Enlightenment, the French Revolution, Industrial Revolution, the African and Asian colonial experience, the rise of European Nationalism, and the horrors of World War I. In the second half students learn about the rise of totalitarian ideologies of Fascism and Communism, World War II, the Cold War, Post-Colonial Africa, the Rise of Asian Economies, and the Global War on Terror.

* Available via Plato Courseware and EdOptions Academy

U.S. History A

This course not only introduces students to early U.S. History, but it also provides them with an essential understanding of how to read, understand, and interpret history. For example, the first unit, The Historical Process, teaches reading and writing about history; gathering and interpreting historical sources; and analyzing historical information. In addition, this course covers the founding events and principles of the United States, the events and implications of the Civil War, and the early industrialization of America.

U.S. History B

Beginning with World War II and its aftermath, this course provides learners with a proven, cohesive, and connected learning experience that builds on U.S History A. At the same time, it provides teachers with a highly flexible course to accommodate a variety of schedule options. While covering historical events from the civil rights movement through contemporary events, the course also promotes a cross-disciplinary understanding that promotes a holistic perspective of U.S. History.

World History Before 1815*

In this course, students study human events from the first use of agriculture 15,000 years ago through the end of the French Revolution in 1815. Included are lessons on the ancient civilizations of Europe, Asia, Africa, and the Americas. Later lessons examine the great periods of global exploration and expansion, as well as scientific discovery. Also studied are the revolutions in England, America, and France.

* Available via Plato Courseware and EdOptions Academy

World History Since 1815*

This course follows human history from the end of the French Revolution until the present day. Topics covered include the Industrial Revolution, the African and Asian colonial experience, the rise of European Nationalism, and the horrors of World War I. In the second half students read about the rise of totalitarian ideologies of Fascism and Communism, World War II, the Cold War, Post-Colonial Africa, the Rise of Asian Economies, and the Global War on Terror.

* Available via Plato Courseware and EdOptions Academy



Advanced Placement Courses

Challenge your accelerated students and help them achieve even more with 10 semesters of courses that address 100% of the standards defined by the College Board.

AP[®]* Biology

To generate skills for lifelong learning, 25 percent of the lessons in AP Biology use student-driven, constructivist approaches for concept development. The remaining lessons employ direct-instruction AP approaches. In both cases, the lessons incorporate multimedia-rich, interactive resources to make learning an engaging experience. The AP approach to advanced biology topics helps students achieve mastery of abstract concepts and their application in everyday life and in STEM-related professions.

* Available via Plato Courseware and EdOptions Academy

AP[®]* Calculus

This course grounds the study of calculus in real-world scenarios and integrates it with the four STEM disciplines. The first semester covers functions, limits, derivatives and the application of derivatives. The course goes on to cover differentiation and antidifferentiation, applications of integration, inverse functions, and techniques of integration.

* Available via Plato Courseware and EdOptions Academy

AP[®]* Chemistry

AP Chemistry includes most of the 22 laboratory experiments recommended by the College Board to provide a complete AP experience in a blended environment. More than 25 percent of the online lesson modules are inquiry-based and employ online simulations, data-based analysis, online data-based tools, and —kitchen sink labs that require no specialized equipment or supervision. Many of the lessons include significant practice in stoichiometry and other critical, advanced chemistry skills.

* Available via Plato Courseware and EdOptions Academy

AP[®]* English Lit & Comp

Each unit of Advanced English Literature and Composition is based on a researched scope and sequence that covers the essential concepts of literature at an AP level. Students engage in in-depth analysis of literary works in order to provide both depth and breadth of coverage of the readings. Units include Close Analysis and Interpretation of Fiction, Short Fiction, the Novel, and Poetic Form and Content. Writing activities reinforce the reading activities and include writing arguments, analysis, interpretation, evaluation, and college application essays.

* Available via Plato Courseware and EdOptions Academy

AP[®]* US History

This course develops critical thinking skills by encouraging multiple views as students realized that there are often multiple accounts of a single historical event that may not be entirely consistent. Electronic discussion groups encourage collaboration, and a variety of practice activities are provided, from multiple choice actions to advanced interactions. Units include: The Historical Process; Early America; Revolutionary America; The Civil War; Populism and Progressivism; the emergence of the U.S. as a world power; and contemporary themes.

Available via Plato Courseware and EdOptions Academy



World Languages

Prepare your students for success in the 21st century world with highly interactive, graphically rich, and visually stimulating language curriculum.

French I

Students begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Reinforce language learning with game-based practice, available on our French I Mobile App. These supplemental activities improve your students' listening and reading, helping them associate the content in meaningful ways, and incorporate vocabulary and other language structures. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

* Available via Plato Courseware and EdOptions Academy

French II

Students continue their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Reinforce language learning with game-based practice, available on our French II Mobile App. These supplemental activities improve your students' listening and reading, helping them associate the content in meaningful ways, and incorporate vocabulary and other language structures. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

* Available via Plato Courseware and EdOptions Academy

German I

Students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Reinforce language learning with game-based practice, available on our German I Mobile App. These supplemental activities improve your students' listening and reading, helping them associate the content in meaningful ways, and incorporate vocabulary and other language structures. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

* Available via Plato Courseware and EdOptions Academy

German II

Students continue their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Reinforce language learning with game-based practice, available on our German II Mobile App. These supplemental activities improve your students' listening and reading, helping them associate the content in meaningful ways, and incorporate vocabulary and other language structures. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

* Available via Plato Courseware and EdOptions Academy



Spanish I

Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Reinforce language learning with game-based practice, available on our Spanish I Mobile App. These supplemental activities improve your students' listening and reading, helping them associate the content in meaningful ways, and incorporate vocabulary and other language structures. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

* Available via Plato Courseware and EdOptions Academy

Spanish II

Students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Reinforce language learning with game-based practice, available on our Spanish II Mobile App. These supplemental activities improve your students' listening and reading, helping them associate the content in meaningful ways, and incorporate vocabulary and other language structures. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

* Available via Plato Courseware and EdOptions Academy

Spanish III

In this expanding engagement with Spanish, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish, and respond orally or in writing to these works. Reinforce language learning with game-based practice, available on our Spanish III Mobile App. These supplemental activities improve your students' listening and reading, helping them associate the content in meaningful ways, and incorporate vocabulary and other language structures. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

* Available via Plato Courseware and EdOptions Academy

Elective Courses

Our offering of over 30 diverse and interactive elective courses to keep students motivated and engaged in the learning process. Empowering students to pursue their passions helps each one of them to achieve their potential.

Academic Success

As in other areas of life, success in academics results from learning and practicing positive habits. This one-semester elective provides practical, hands-on guidance on developing and improving study habits and skills, regardless of a student's level of accomplishment. Academic Success includes five lessons and two course activities in a flexible structure that is adaptable to the needs and circumstances of individual students. The course can also be used for college-level developmental education.



Art History and Appreciation*

This course explores the main concepts of art, expression, and creativity as it helps students answer questions such as what is art; what is creativity; and how and why people respond to art. It covers essential design principles such as emphasis, balance, and unity. Units include: Art, History, and Culture; Western and World Art Appreciation; and Art and the Modern World.

* Available via Plato Courseware and EdOptions Academy

Computer Applications and Technology*

Throughout this course students are presented with a variety of computer applications and technology concepts and demonstrate their understanding of those concepts through practical problem-solving exercises. A course project includes activities related to the course objectives and can be assigned for work throughout the course.

* Available via Plato Courseware and EdOptions Academy

American Literature*

This course surveys American authors and the historical development of literature in America. The course illustrates how the events in history and the cultural heritage of the times influenced the work of authors. The ability to analyze literary works is stressed. Topics include Puritanism, Deism, Neoclassicism, Romanticism, Transcendentalism, Realism, and Naturalism.

* Available via Plato Courseware and EdOptions Academy

Anthropology I: Uncovering Human Mysteries*

Anthropology uses a broad approach to give students an understanding of our past, present, and future, and also addresses the problems humans face in biological, social, and cultural life. This course explores the evolution, similarity, and diversity of humankind through time. It looks at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys are just one of the powerful learning tools utilized in this course.

* Available via Plato Courseware and EdOptions Academy

Anthropology II: More Human Mysteries Uncovered*

This course continues the study of global cultures and the ways that humans have made sense of their world. It examines ways that cultures have understood and given meaning to different stages of life and death. The course also examines the creation of art within cultures and how cultures evolve and change over time. Finally, students apply the concepts and insights learned from the study of anthropology to several cultures found in the world today.

* Available via Plato Courseware and EdOptions Academy

Archeology: Detectives of the Past*

The field of archeology helps us better understand the events and societies of the past that have helped to shape the modern world. This course focuses on the techniques, methods, and theories that guide the study of the past. Students learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students learn about the relationship of material items to culture and what we can learn about past societies from these items.

* Available via Plato Courseware and EdOptions Academy



British Literature*

This course provides a comprehensive look at the evolution of British literature from the Anglo-Saxon period through the Modern Age. The course emphasizes the cultural and historical elements that shape literary movements. Twenty-six of the thirty-four lessons focus on literary analysis, while writing lessons focus on real-world applications, analytical essays, and research papers. Language lessons focus on usage, mechanics, and critical thinking. Of course all course readings and literary texts are provided online.

* Available via Plato Courseware and EdOptions Academy

Career Explorations*

Throughout this course, students will practice valuable life and career skills, including resume writing, interview techniques, budgeting, time management, and long-term planning. This course also encourages learners to use a number of employment resources both in print and on the Internet. Practical topics are engagingly presented and include search skills, industry clusters, entrepreneurship, and effective resume preparation and interviewing skills.

* Available via Plato Courseware and EdOptions Academy

Criminology: Inside the Criminal Mind*

Crime and deviant behavior rank at or near the top of many people's concerns. This course looks at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their crimes. Why do some individuals commit crimes and others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors shape the criminal case process?

* Available via Plato Courseware and EdOptions Academy

Digital Photography I: Creating Images with Impact*

Digital Photography I focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students use basic techniques of composition and camera functions to build a personal portfolio of images, capturing people, landscapes, close-ups, and action photographs.

* Available via Plato Courseware and EdOptions Academy

Digital Photography II: Discovering Your Creative Potential*

In this course, we examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas in which professional photographers may choose to specialize, such as wedding photography and product photography. Students also learn about some of the most respected professional photographers in history and how to critique photographs in order to better understand what creates an eye-catching photograph.

* Available via Plato Courseware and EdOptions Academy



Forensic Science I: Secrets of the Dead*

In this unit, students are introduced to forensic science. We discuss what forensic science consists of and how the field developed through history. Topics covered include some of the responsibilities of forensic scientists and about some of the specialty areas that forensic scientists may work in. Objective and critical thinking questions are combined with lab activities to introduce students to analyzing the crime scene, a wide variety of physical evidence such as firearm and explosion evidence, and DNA evidence,

* Available via Plato Courseware and EdOptions Academy

Forensic Science II: More Secrets of the Dead*

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

* Available via Plato Courseware and EdOptions Academy

Gothic Literature: Monster Stories*

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

* Available via Plato Courseware and EdOptions Academy

Great Minds in Science: Ideas for a New Generation*

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

* Available via Plato Courseware and EdOptions Academy

Health*

This course is based on a rigorously researched scope and sequence that covers the essential concepts of health. Students are provided with a variety of health concepts and demonstrate their understanding of those concepts through problem solving. The five units explore a wide variety of topics that include nutrition and fitness, disease and injury, development and sexuality, substance abuse, and mental and community health.

* Available via Plato Courseware and EdOptions Academy



International Business: Global Commerce in the 21st Century*

From geography to culture, Global Business is an exciting topic. This course helps students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations are all explored in this course. Students cultivate an awareness of how history, geography, language, cultural studies, research skills, and continuing education are important in business activities and the 21st century.

* Available via Plato Courseware and EdOptions Academy

Introduction to Philosophy: The Big Picture*

This course is an exciting adventure that covers more than 2,500 years of history. Despite their sometimes odd behavior, philosophers of the Western world are among the most brilliant and influential thinkers of all time. As students learn about these great thinkers, they'll come to see how and where many of the most fundamental ideas of Western Civilization originated. They'll also get a chance to consider some of the same questions these great thinkers pondered.

* Available via Plato Courseware and EdOptions Academy

World Religions: Exploring Diversity*

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

* Available via Plato Courseware and EdOptions Academy

Law & Order: Introduction to Legal Studies*

From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on the creation and application of laws in various areas of society.

* Available via Plato Courseware and EdOptions Academy

Music Appreciation: The Enjoyment of Listening*

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

* Available via Plato Courseware and EdOptions Academy



Personal & Family Finance*

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

* Available via Plato Courseware and EdOptions Academy

Personal Finance*

This course focuses on reviewing and applying arithmetic skills utilized at home and in business. Students learn how to budget, spend, invest, and make every day financial decisions. Topics include budgeting, computing income and property taxes, investing in the stock market, finding interest rates, analyzing statistics, and balancing financial accounts.

* Available via Plato Courseware and EdOptions Academy

Personal Psychology I: The Road to Self-Discovery*

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

* Available via Plato Courseware and EdOptions Academy

Personal Psychology II: Living in a Complex World*

This course enriches the quality of students' lives by teaching them to understand the actions of others. Topics include the study of memory, intelligence, emotion, health, stress and personality. This courses features exciting online psychology experiments involving the world around us.

* Available via Plato Courseware and EdOptions Academy

Physical Education*

This course's three units include Getting Active, Improving Performance, and Lifestyle. Unit activities elevate students' self-awareness of their health and well-being while examining topics such as diet and mental health and exploring websites and other resources. In addition to being effective as a stand-alone course, the components can be easily integrated into other health and wellness courses.

* Available via Plato Courseware and EdOptions Academy

Real World Parenting*

What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. Students learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are other topics covered in this course.

* Available via Plato Courseware and EdOptions Academy



Social Issues*

Because the specifics of social issues change rapidly, this course is designed to have students discover contemporary and relevant perspectives on issues that may have been around for centuries. Students engage in significant research and each lesson ends with an essay assignment that encourages students to express their opinions. Topics include media, government, civil liberties, poverty, terrorism, crime, the environment, and many more.

* Available via Plato Courseware and EdOptions Academy

Sociology I: The Study of Human Relationships*

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

* Available via Plato Courseware and EdOptions Academy

Sociology II: Your Social Life*

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

* Available via Plato Courseware and EdOptions Academy

Veterinary Science: The Care of Animals*

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. This course examines some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times humans as well. Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

* Available via Plato Courseware and EdOptions Academy

World Literature*

World Literature provides students with a survey of some of the world's best and most well-known literature. Lesson notes supplement reading assignments and emphasize common themes found across cultures and historical timelines. Submissions use a combination of objective multiple choice and short answer questions, as well as subjective questions that require students to support their opinions. Finally, two full-length writing assignments ask students to apply their knowledge in essay form.

* Available via Plato Courseware and EdOptions Academy



Career Technical Education (CTE) Courses

Computer Science 1A

An engaging interdisciplinary course, Computer Science 1A provides a fundamental understanding of computer science principles while emphasizing the practical application of computer science to other areas of learning. It encourages critical thinking while developing specific skills in scripting, program structure, logic and languages, functions, and data sets. The course's 14 lessons and five activities are specifically designed to address the relevant standards prescribed by the Computer Science Teachers Association.

Game Development

Are any of your students gamers? That's what we thought. In this course, they'll learn the ins and outs of game development to prepare them for a career in the field. Whether it is the history of video games, character development, mobile game design, user interface design, social gaming, or the principles of development design and methodologies, this 20-lesson course covers it all. As you might guess, games are included in the course to enhance the learning experience and help assess student progress. While fun and highly engaging, the course focuses on laying a strong foundation for a career in game development.

Introduction to Accounting

The Bureau of Labor Statistics identifies accounting as one of the best careers for job growth in the next decade. This course empowers high school students with the essential skills they need to understand accounting basics. Lessons include Account Types (assets, liabilities, expenses, etc.), The Accounting Cycle, and Balance Sheet Elements. Engaging and relevant, this course particularly helps both those students with an accounting career orientation, and those in need of an overview of essential accounting principles.

Introduction to Business Administration

As with all Edmentum Career Technical Education courses, Introduction to Business Administration is specifically designed to provide high school students with the knowledge and skills they need to succeed in high-demand careers. This full semester course includes 15 lessons and five course activities that keep students engaged while online discussions leverage their collective knowledge for the benefit of all learners. The course is both flexible and simple to manage. The wide variety of lessons includes: Entrepreneurship and Management; Organizational Behavior; Fundamentals of Finance; and Quality Management. The course concludes with an end-of-semester assessment.

Introduction to Fashion Design

From Components of Fashion to Haute Couture to Production, this course is focused on the practical aspects of career preparation in the fashion design industry. The 17 lessons in the course provide students with both breadth and depth, as they explore the full gamut of relevant topics in fashion design. Online discussions and course activities require students to develop and apply critical thinking skills while the included games appeal to a variety of learning styles and keep students engaged. Fascinating and practical, Introduction to Fashion design will appeal to, and enrich, many of your students.



Introduction to Marketing

This one-semester course provides a comprehensive overview of marketing principles and practices in today's dynamic digital context. The five course activities are career oriented and encourage the development of critical thinking skills in practical applications. Marketing is a rapidly changing discipline, and this course helps prepare your students for the challenges and excitement of a career in marketing. Lessons include Branding, Segmentation, Advertising Fundamentals, and Online Marketing.

Introduction to Social Media

This cutting-edge course develops social media skills and knowledge that will have a practical and positive impact in helping your high school students succeed in today's economy. Of course they already engage in social media, but this course enhances their skills and knowledge in order to apply them in a practical way in their careers. Online discussions are a critical aspect of creating a collaborative learning environment, while games and other interactions ensure engagement and promote a strong career orientation.

Web Design

Whether they know it or not, almost all of your students have an interest in web design – but this semester-long course takes them inside the essentials of web design and helps them discover what makes a site truly engaging and interactive. Lessons such as Elements of Design, Effects of Color, and Typography help them understand the elements of effective and dynamic web design. The course covers the basics of HTML, CSS, and how to organize content, and helps to prepare them for a career in web design.

Test Preparation Courses

Test preparation courses prepare students for the leading college entrance and placement tests, and for career certifications and work skills examinations. More than a collection of content, these rigorous and engaging courses are subject-specific and aligned to each test's objectives.

Tests Covered Include

ACT

The ACT assesses high school students' general educational development and their ability to complete college-level work.

Courses:

ACT English

ACT Mathematics

ACT Reading

ACT Science Reasoning

* Available via Plato Courseware and EdOptions Academy

SAT

The SAT assesses academic readiness for college. It keeps pace with what colleges are looking for today, measuring the skills required for success in the 21st century.

Courses:

SAT I Language Arts

SAT I Mathematics

* Available via Plato Courseware and EdOptions Academy



ACCUPLACER

ACCUPLACER tests provide information about academic skills and, in conjunction with a student's academic background, are used by advisors to provide guidance on post-secondary course selection.

Courses:

ACCUPLACER Math

ACCUPLACER Reading

ACCUPLACER Sentence Skills

* Available via Plato Courseware and EdOptions Academy

COMPASS

The COMPASS placement test helps college educators quickly evaluate incoming students' skill levels and place them into appropriate courses.

Courses:

Compass Test Preparation - Mathematics

Compass Test Preparation - Reading

Compass Test Preparation - Writing

* Available via Plato Courseware and EdOptions Academy

WorkKeys

WorkKeys is a job skills assessment system that helps employers select, hire, train, and retain a high-performance workforce. WorkKeys scores help compare a learner's skills to the skills real jobs require.

Course:

ACT WORKKEYS

* Available via Plato Courseware

National Career Readiness Certificate

Based on WorkKeys, the National Career Readiness Certificate is the recognized national standard for measuring fundamental employability skills and is a reliable predictor of workplace success.

Courses:

Career Readiness Certificate - Bronze Level

Career Readiness Certificate - Gold Level

Career Readiness Certificate - Silver Level

* Available via Plato Courseware

ASVAB

The ASVAB is a test developed and maintained by the Department of Defense. ASVAB scores count toward the Armed Forces Qualifying Test (AFQT) score.

Courses:

ASVAB Mathematics

ASVAB Technology and General Science, Part 1

ASVAB Technology and General Science, Part 2

ASVAB Word Knowledge and Paragraph Comprehension

* Available via Plato Courseware



General Educational Development® (GED®)

The General Educational Development® tests measure the skills and knowledge similar to a high school course of study. GED® graduates earn a GED® credential.

Courses:

GED® Mathematics

GED® Reading

GED® Science, Part 1

GED® Science, Part 2

GED® Social Studies - Geography and World History

GED® Social Studies - US History, Civics and Economics

GED® Writing

* Available via Plato Courseware and EdOptions Academy

Remediation Courses

Remediation courses improve skills in specific subject areas to advance learners to the appropriate curriculum level for credit bearing course readiness. Each course consists of a series of assessments and prescribes curriculum based on each assessment to determine the level a student needs to reach and help guide and support them to success.

Courses:

[Mathematics](#)

[Language Arts](#)

[Reading Comprehension](#)

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