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Redefining the 21st Century Classroom

Edmentum Course Catalog

Secondary Course Descriptions

Table of Contents

Section	Page
Table of Contents	2
Core Courses	6
Math Courses	6
Algebra 1	6
Algebra 2	6
Consumer Mathematics	6
Geometry	6
Integrated Math 1	6
Integrated Math 2	6
Integrated Math 3	7
Math 6	7
Math 7	7
Pre-Algebra	7
Precalculus	7
Probability and Statistics	7
English Language Arts Courses	8
English 6	8
English 7	8
English 8	8
English 9	8
English 10	8
English 11	8
English 12	9
Structure of Writing	9
Science Courses	10
Biology	10
Chemistry	10
Earth and Space Science	10
Integrated Physics & Chemistry	10
Life Science	10
Physical Science	10
Physics	10
Social Studies Courses	11
African American Studies	11
Civics	11
Economics	11
Middle School US History	11
Middle School World History	11
Native American Studies: Contemporary Perspectives	11
Native American Studies: Historical Perspectives	11

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U.S. Government 12
U.S. History 12
World Geography 12
World History 12
World History Before 1815 12
World History Since 1500 12
World History Since 1815 12
Advanced Placement Courses 14
AP® Biology 14
AP® Calculus 14
AP® Chemistry 14
AP® English Lit & Comp 14
AP® US History 14
Global Languages 15
French 1 15
French 2 15
German 1 15
German 2 15
Spanish 1 16
Spanish 2 16
Spanish 3 16
Elective Courses 17
Academic Success 17
Art History & Appreciation 17
Computer Applications & Technology 17
American Literature 17
Anthropology 1: Uncovering Human Mysteries 17
Anthropology 2: More Human Mysteries Uncovered 17
Archeology: Detectives of the Past 18
British Literature 18
Career Explorations 18
Criminology: Inside the Criminal Mind 18
Digital Photography 1: Creating Images with Impact 18
Digital Photography 2: Discovering Your Creative Potential 18
Forensic Science 1: Secrets of the Dead 18
Forensic Science 2: More Secrets of the Dead 19
Gothic Literature: Monster Stories 19
Great Minds in Science: Ideas for a New Generation 19
Health 19
International Business: Global Commerce in the 21st Century 19
Introduction to Philosophy: The Big Picture 19
World Religions: Exploring Diversity 20
Law & Order: Introduction to Legal Studies 20

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Music Appreciation: The Enjoyment of Listening 20
Personal & Family Finance 20
Personal Finance 20
Personal Psychology 1: The Road to Self-Discovery 20
Personal Psychology 2: Living in a Complex World 20
Physical Education 21
Real World Parenting 21
Social Issues 21
Sociology 1: The Study of Human Relationships 21
Sociology 2: Your Social Life 21
Veterinary Science: The Care of Animals 21
World Literature 21
Test Preparation Courses 22
Tests Covered Include 22
ACT 22
SAT 22
ACCUPLACER 22
COMPASS 22
WorkKeys 22
National Career Readiness Certificate 23
ASVAB 23
General Educational Development® (GED®) 23
HiSET® Exam 23
Remediation Courses 24
Courses: 24
Mathematics 24
Language Arts 24
Reading Comprehension 24
Career Technical Education (CTE) Courses 25
Computer Science 1A 25
Digital Art 25
Introduction to Accounting 25
Introduction to Business Administration 25
Introduction to Fashion Design 25
Introduction to Social Media 25
Introduction to Marketing 26
Game Development 26
Principles of Architecture and Construction 26
Principle of Arts, Audio/Visual Technology, and Communications 26
Principles of Engineering and Technology 26
Principles of Finance 26
Principles of Health Science 26
Principles of Information Technology 1A 27

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Principles of Law, Public Safety, Corrections, and Security 27
Web Design 27

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Core Courses

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

Math Courses

Algebra 1

Algebra 1 covers 12 units over two semester-long courses, laying an essential foundation as your students begin exploring math at a more sophisticated level. Semester A begins with a survey of single-variable expressions, equations, and inequalities, and proceeds through other fundamental algebraic concepts, concluding with a unit covering the rules of polynomials and exponents. Semester B builds on that foundation and uses interactive and engaging exercises to expand knowledge and develop the critical thinking skills that lead to concept mastery and prepare students for their next steps in math.

Algebra 2

These two rigorous semester-long courses build on the fundamentals established in Algebra 1. Built to the Common Core, these courses use a scaffolded inquiry approach that better enables students to master course content and principles. Semester A begins with an in-depth look at polynomial, rational, and radical relationships and concludes with a solid understanding of complex numbers. The second semester focuses on the use of various algebraic functions, including trigonometric functions, and the use of functions for modelling and graphing.

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.

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.

Integrated Math 1

These two semester-long courses are designed to enable all students at the high-school level to develop a deep understanding of the math objectives covered and leave them ready for their next steps in mathematics. The courses are built to the Common Core State Standards. The three units in Semester A advance students through the study of single-variable expressions to systems of equations, while Semester B covers functions, advanced functions, and concludes with a practical look at the uses of geometry and trigonometry.

Integrated Math 2

Building on the concepts covered in Integrated Math 1, these courses are based on proven pedagogical principles and employ sound course design to effectively help students master rules of exponents and

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polynomials, advanced single-variable quadratic equations, independent and conditional probability, and more. Online and offline activities combine to create an engaging learning experience that prepares high school learners for their next step in their studies of mathematics.

Integrated Math 3

Beginning with the simplification of rational and polynomial expressions, Semester A takes students through the next steps in mastering the principles of integrated math. These two semester-long courses focus on meeting Common Core objectives with engaging and interactive content. Semester B begins with the derivation of the trigonometric formula for the area of a triangle, and proceeds through the use of functions and on developing the critical thinking skills necessary to make logical and meaningful inferences from data.

Math 6

Math 6 provides 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; number visualization; expressions and equations; geometry; and statistics and probability. The course is highly engaging while being easy for teachers to customize and manage.

Math 7

Math 7 comprise a total of six units, all of which include a variety of activities and are designed to provide teachers with maximum flexibility, and establish a solid foundation of math skills that will lead to improved achievement into high school. Concepts covered include: ratios/proportional relationships; expressions and equations using rational numbers; geometry; and statistics and probability. The courses were developed using proven instructional design principles and are not just highly interactive, but rigorous as well.

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.

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.

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.

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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.

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.

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.

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.

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.

English 11

English 11A explores the relation between American history and literature from the colonial period through the realism and naturalism eras. English 11B explores the relation between American history and literature from the modernist period through the contemporary era, and presents learners with relevant cultural and political history. Readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. The lessons in both semesters focus on developing grammar, vocabulary, speech, and writing skills.

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English 12

In keeping with the model established in English 11, these courses emphasize the study of literature in the context of specific historical periods, beginning with the Anglo-Saxon and medieval periods in Britain. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. Semester B covers the romantic, Victorian, and modern eras. End of unit tests ensure mastery of the concepts taught in each unit, and exemptive pretests allow students to focus on content that they have yet to master.

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.

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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.

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.

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.

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.

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.

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.

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.

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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.

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.

Economics

This courses 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.

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.

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.

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.

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

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U.S. Government

The interactive, problem-centered, and inquiry-based units in U.S. Government emphasize the acquisition, mastery, and processing of information. Semester A units include study of the foundations of American government and the American political culture, with units 2 and 3 covering the U.S. constitution, including its roots in Greek and English law, and the various institutions that impact American politics. In Semester B, students will study Congress and the Presidency, as well as federal agencies and the judiciary.

U.S. History

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. While covering historical events from the founding events and principles of the United States through contemporary events, the course also promotes a cross-disciplinary understanding that promotes a holistic perspective of U.S. History.

World Geography

In an increasingly interconnected world, equipping students to develop a better understanding of our global neighbors is critical to ensuring that they are college and career ready. These semester-long courses empower students to increase their knowledge of the world in which they live and how its diverse geographies shape the international community. Semester A units begin with an overview of the physical world and the tools necessary to exploring it effectively. Subsequent units survey each continent and its physical characteristics and engage students and encourage them to develop a global perspective.

World History

World History A and B provide a robust and comprehensive overview for your students. Beginning with early civilizations in the Middle East, India, and China, the combined eight units conclude with a survey of the world since 1945. Other topics include a review of the Byzantine empire, the resurgence of Europe, and the impacts of nationalism and democracy. The courses are flexible, offering optional topics, an array of learning resources, and a variety of engaging activities.

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.

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.

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

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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.

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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.

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.

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.

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.

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.

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Global Languages

French 1

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 consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates "Avatar bucks"—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the "Avatar store". Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and across the globe. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

French 2

Students continue their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates "Avatar bucks"—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the "Avatar store". Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major French-speaking areas across the globe, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

German 1

Students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates —Avatar bucks—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the —Avatar store. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major German-speaking areas in Europe. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

German 2

Students continue their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates "Avatar bucks"—by performing well on course tasks—to use to

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purchase materials (clothing, gadgets, scenery, etc.) at the "Avatar store". Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major German-speaking areas in Europe. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Spanish 1

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

Spanish 2

Students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. The course exemplifies a marriage of the best in language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates "Avatar bucks"—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the "Avatar store". Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Spanish 3

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. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates Avatar bucks by performing well on course tasks to use to purchase items (virtual clothing, gadgets, scenery, etc.) at the Avatar store. Continuing the pattern, and building on what students encountered in the first two years, each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

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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 & 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.

Computer Applications & 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.

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.

Anthropology 1: 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.

Anthropology 2: 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.

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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.

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.

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.

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?

Digital Photography 1: 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.

Digital Photography 2: 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.

Forensic Science 1: 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

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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.

Forensic Science 2: 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.

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.

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.

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.

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.

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.

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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. .

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.

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.

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.

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.

Personal Psychology 1: 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.

Personal Psychology 2: 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.

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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.

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.

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.

Sociology 1: 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.

Sociology 2: 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.

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.

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.

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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

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

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

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

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

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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

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

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 Language Arts
GED® Science
GED® Social Studies

HiSET® Exam

The HiSET tests measure the skills and knowledge similar to a high school course of study and prepare learners to receive their high school equivalency certifications.
Courses:
HiSET Reading
HiSET Mathematics
HiSET Science
HiSET Social Studies

TASC™ Exam

The TASC tests measure the skills and knowledge similar to a high school course of study and prepare learners to receive their high school equivalency certifications.
Courses:
TASC Language Arts
TASC Mathematics
TASC Science
TASC Social Studies

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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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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.

Digital Art

This is an effective and comprehensive introduction to careers in the rapidly expanding world of digital art. The course covers creative and practical aspects of digital art in 15 lessons that are enhanced with online discussions and a variety of activities. Beginning with a history of digital art, the course goes on to issues of design, color, and layout. While students will experience creation of digital art, they will also learn about converting traditional art to digital formats. They will also learn about creating a personal portfolio to prepare themselves for career opportunities.

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 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.

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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.

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.

Principles of Architecture & Construction

This interactive course empowers students with the knowledge to appreciate and evaluate career opportunities in architecture and construction. With an emphasis on developing critical thinking skills, this one-semester course includes a variety of activities as students learn about structures and loads, materials and costs, urban design, and other aspects of these fascinating career opportunities. This easy-to-manage course will help build a solid foundation for their career options.

Principle of Arts, Audio/Visual Technology, & Communications

This course appeals to your students' familiarity with a variety of sensory inputs and stimulus. With an emphasis on visual arts, the 14 lessons introduce learners to careers in design, photography, performing arts, fashion, and journalism, among others. This engaging course covers inherently engaging topics that will stimulate your students as they consider careers in which the arts, technology, and communications intersect.

Principles of Engineering & Technology

This easy-to-manage course provides students with essential STEM knowledge and an effective overview of STEM careers. The course's 15 lessons are interspersed with activities and online discussions that engage learners and promote understanding and achievement. Topics covered include biotechnology, mechanics, and fluid and thermal systems. The concluding lesson provides a valuable overview of the overall engineering design process.

Principles of Finance

Financial literacy is an increasingly essential capability as students prepare for the workforce, and this 18-lesson course provides the information they need to determine if a career in finance is right for them. The course uses games and online discussions to effectively facilitate learning, while introducing your learners to a variety of topics, including investment strategies, money management, asset valuation, and personal finance.

Principles of Health Science

With an engaging and interactive instructional approach, this rigorous course provides your students with a comprehensive overview of health science topics and careers. Health science professionals are in increasing demand and of increasing interest, and this semester-long course is an effective way to introduce students

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to the wide array of health science careers. Beginning with medical terminology, the course includes an overview of physiology and human homeostasis and more.

Principles of Information Technology 1A

This course develops practical skills in the ever-expanding IT industry. The course includes lessons that cover the increasingly relevant and important areas of privacy and data security, as well as addressing some essential skills such as word processing and spreadsheet software, and then advancing to cutting edge networking and database software concepts.

Principles of Law, Public Safety, Corrections, and Security

For many reasons, high school students are drawn to learning about the careers addressed in this course. This one-semester course includes 15 lessons that help students learn about careers that make a powerful impact in all of our lives. From criminal law to every phase of the trial process, the course moves on to include lessons on the correctional system and the implications of legal ethics and the constitution.

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.

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edmentum.com
800.447.5286
info@edmentum.com

5600 West 83rd Street
Suite 300, 8200 Tower
Bloomington, MN 55437

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