



COURSE GUIDE



CALVERT
ACADEMY™

Language Arts

KINDERGARTEN LANGUAGE ARTS

2 Semesters

Kindergarten Language Arts is a beginning language course that focuses on the key components of phonics, as well as basic language skills. Two colorful workbooks filled with drills in consonants, vowels, and blending lay the foundation for reading. Additional topics include alphabetical order, patterns, capital letters, periods, number words, and more.

1ST GRADE LANGUAGE ARTS

2 Semesters

1st Grade Language Arts is a comprehensive phonics-based language course that integrates phonics, reading, and grammar. Through this colorful course, students encounter skills such as rhyming words, consonant digraphs and blends, vowel digraphs, R-controlled vowels, and diphthongs, as well as basic grammar skills to take students from “learning to read” to “reading to learn.”

2ND GRADE LANGUAGE ARTS

2 Semesters

2nd Grade Language Arts integrates grammar, spelling, reading, and writing into one comprehensive curriculum. Building on a strong phonics base, this course touches on critical language topics such as building sentences, punctuation, prefixes, suffixes, nouns, verbs and more.

3RD GRADE LANGUAGE ARTS

2 Semesters

3rd Grade Language Arts focuses on the sequential development and integration of communication skills in the major areas of reading, writing, speaking, and listening. Students are introduced to basic reading skills, as well as reading strategies to use in short stories, a short play, poetry, and fables.

4TH GRADE LANGUAGE ARTS

2 Semesters

4th Grade Language Arts continues to build students' fluency and independent reading skills by further developing comprehension strategies via a wide variety of genres, including fiction, nonfiction, and poetry. Using a more complex paragraph structure and integrated application of their speaking skills, students also write in a variety of genres like fictional stories, poetry, and an informational report.

5TH GRADE LANGUAGE ARTS

2 Semesters

5th Grade Language Arts places special attention on reading non-fiction texts. Students identify text features and explain how graphic elements lead to comprehension and continue to build grammar skills in support of clear communication. In addition, speaking skills are built upon through memorization and recitation of Abraham Lincoln's powerful Gettysburg Address.

6TH GRADE LANGUAGE ARTS

2 Semesters

This course eases students' transition to middle school with engaging, age-appropriate literary and informational reading selections. Students learn to read critically, analyze texts, and cite evidence to support ideas as they read essential parts of literary and informational texts and explore a full unit on Lewis Carroll's classic novel *Through the Looking Glass*.

7TH GRADE LANGUAGE ARTS

2 Semesters

Students grow as readers, writers, and thinkers in this middle-school course. With engaging literary and informational texts, students learn to think critically, analyze an author's language, and cite evidence to support ideas. Students complete an in-depth study of Jack London's classic novel *White Fang*, and read excerpts from other stories, poetry, and nonfiction.

8TH GRADE LANGUAGE ARTS

2 Semesters

In this course, students build on their knowledge and blossom as thoughtful readers and clear, effective writers. A balance of literary and informational text engages students throughout the course in reading critically, analyzing texts, and citing evidence to support claims. Students sharpen their vocabulary, grammar, and listening skills through lessons designed to provide explicit modeling and ample opportunities to practice.

ENGLISH I

2 Semesters

This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students read a range of classic texts including Homer's *The Odyssey*, Shakespeare's *Romeo and Juliet*, and Richard Connell's "The Most Dangerous Game."

ENGLISH II

2 Semesters

This sophomore-year English course invites students to explore a diverse selection of world literature organized into thematic units. While critically reading fiction, poetry, drama, and expository nonfiction, students learn essential reading comprehension strategies and engage in literary analysis and evaluation of both classic and contemporary works. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their listening and speaking skills and produce clear, coherent writing. Throughout the course, students read a range of classic and contemporary literary texts including Henrik Ibsen's *A Doll's House*, George Orwell's *Animal Farm*, and Marjane Satrapi's *Persepolis*.

ENGLISH III

2 Semesters

This junior-year English course invites students to delve into American literature, from early American Indian voices through thoughtful contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary-analysis strategies. Students will read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

ENGLISH IV

2 Semesters

This senior-year English Language Arts course invites you to explore a diverse collection of texts organized into thematic units. You will engage in literary analysis and inferential evaluation of both classic and contemporary literature. While critically reading fiction, poetry, drama, and expository nonfiction, you will learn comprehension and literary-analysis strategies. Tasks encourage you to strengthen your oral language skills and produce creative, coherent writing. You will read a range of classic texts including the ancient epic *Gilgamesh*, William Shakespeare's *Hamlet*, and Oscar Wilde's *The Importance of Being Earnest*.

INTRODUCTION TO COMMUNICATIONS AND SPEECH

1 Semester

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches in the course.

This elective English course is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students explore some critical reading skills in fiction and poetry, the focus of this course is on expository and persuasive texts and the analytical reading skills necessary for college success. Students read a range of short but complex texts, including works by Walt Whitman, Cesar Chavez, Abraham Lincoln, Martin Luther King Jr., Amy Tan, Langston Hughes, Ayn Rand, Naomi Shihab Nye, Maya Angelou, and Gary Soto.



Math

KINDERGARTEN MATH

2 Semesters

Created to instill a strong math foundation, Kindergarten Math is full of fun learning activities. With a focus on the basics of elementary math, two large workbooks provide colorful instruction and practice in concepts such as counting, comparisons, number order, time, money, addition, and subtraction.

1ST GRADE MATH

2 Semesters

Creating a strong math foundation, 1st Grade Math is a fun program with a focus on the basics of elementary math. Ten colorful workbooks provide instruction and practice in number order, number words to 200, place value, addition, subtraction, time, fractions, and more. Skip counting, measurements, shapes, number sentences, and money also are studied.

2ND GRADE MATH

2 Semesters

Created to encourage a strong math foundation, 2nd Grade Math is filled with fun learning activities. Ten colorful units focus on the basics of elementary math, providing instruction in numbers to 1,000, operation symbols, measurements, shapes, rounding, addition, subtraction, time, estimation, and fractions.

3RD GRADE MATH

2 Semesters

3rd Grade Math is a full-year elementary course focusing on number skills and numerical literacy. Students gain solid experience with number theory and operations, learning how to apply these in measurement situations. The course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical concepts.

4TH GRADE MATH

2 Semesters

4th Grade Math is a full-year elementary course focusing on number skills and numerical literacy. Students gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, teaches measurement skills, and introduces students to statistical concepts.

5TH GRADE MATH

2 Semesters

5th Grade Math is a full-year elementary course focusing on number skills and numerical literacy, and geometric concepts. Students gain solid experience with number theory and operations, including whole numbers, decimals, and fractions. The course also integrates mathematical practices throughout each unit, while introducing students to algebraic, statistical, and probability concepts.

6TH GRADE MATH

2 Semesters

This course begins by connecting ratio and rate to multiplication and division, allowing students to use ratio reasoning to solve a wide variety of problems. They further apply their understanding of multiplication and division to explain the standard procedure for dividing fractions. This course builds upon previous notions of the number system to now include the entire set of rational numbers.

7TH GRADE MATH

2 Semesters

This course begins with an in-depth study of proportional reasoning where students utilize concrete models such as bar diagrams and tables to increase and develop conceptual understanding of rates, ratios, proportions, and percentages. Students build on their proportional reasoning to solve problems about scale drawings by relating the corresponding lengths between objects. Students' number fluency and understanding of the rational number system are extended as they perform operations with signed rational numbers embedded in real-world contexts.

8TH GRADE MATH

2 Semesters

The course begins with a unit on input-output relationships that builds a foundation for learning about functions. Students make connections between verbal, numeric, algebraic, and graphical representations of relations, and apply this knowledge to create linear functions that can be used to model and solve mathematical and real-world problems. Technology is used to build deeper connections among representations. Students focus on formulating expressions and equations, including modeling an association in bivariate data with a linear equation, and writing and solving linear equations and systems of linear equations.

ALGEBRA I

2 Semesters

This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions, and developing fluency in writing and solving one-variable equations and inequalities. Students interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically.

ALGEBRA II

2 Semesters

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. Students begin with a review of linear and quadratic functions, to solidify a foundation for learning these new functions. Students will make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems.

CONCEPTS IN PROBABILITY & STATISTICS

2 Semesters

This high-school course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Algebra I and Pre-Calculus. It begins with an in-depth study of probability, with a focus on conceptual understanding. Students then move into an exploration of sampling and comparing populations.

FINANCIAL MATH

2 Semesters

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data.

GEOMETRY

2 Semesters

Based on plane Euclidean geometry, this rigorous full-year course addresses the critical areas of: congruence, proof, and constructions; similarity and trigonometry; circles; three-dimensional figures; and probability of compound events. Transformations and deductive reasoning are common threads throughout the course. Students build on their conceptual understanding of rigid transformations established in middle school as they formally define each and then, use them to prove theorems about lines, angles, and triangle congruency. Rigid transformations are also used to establish relationships between two-dimensional and three-dimensional figures.

MATHEMATICAL MODELS WITH APPLICATIONS

2 Semesters

Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment loan models.

PERSONAL FINANCE

1 Semester

This one-semester elective prepares students to navigate personal finance with confidence. The course opens with a study of what it means to be financially responsible, engaging students in budgeting, planning, and being a smart consumer. Students learn about the relationship between education, employment, income, and net worth. Students then broaden their study to include banking, spending, investing, and other money management concepts before exploring credit and debt.

PRE-ALGEBRA

2 Semesters

This full-year course is designed for students who have completed a middle school mathematics sequence but are not yet Algebra-ready. This course reviews key algebra readiness skills from the middle grades and introduces basic Algebra I work with appropriate support. Students revisit concepts in number and operations, expressions and equations, ratio and proportion, and basic functions. By the end of the course, students are ready to begin a more formal high school Algebra I study.

PRE-CALCULUS

2 Semesters

Designed to follow Algebra II, this rigorous full-year course builds upon students understanding of various aspects of functions: graphing, composition, inverses, modeling, systems, and inequalities. Students expand their knowledge of trigonometric functions to include graphs of reciprocal functions, and they apply trigonometry to a variety of real-world problems. Students prove trigonometric identities and use them to solve equations.

STATISTICS

2 Semesters

This rigorous full-year course engages students in the study of statistics. The course covers statistical concepts and includes interactive activities and projects that encourage higher-order thinking skills. Major topics of study include exploring one- and two-variable data, sampling, experimentation, probability, sampling distributions, and statistical inference. These topics are organized into three big ideas: variation and distribution, patterns and uncertainty, and data-based predictions, decisions, and conclusions.

In this one-semester course, students use their geometry and algebra skills to begin their study of trigonometry. Students will be required to express understanding using qualitative, quantitative, algebraic, and graphing skills. This course begins with a quick overview of right triangle relationships before introducing trigonometric functions and their applications. Students explore angles and radian measures, circular trigonometry, and the unit circle.



Science

1ST GRADE SCIENCE

2 Semesters

1st Grade Science begins the process of teaching important principles of observation which will in turn assist children as they learn about the physical universe. Ten colorful worktexts present lessons on the human body, the five senses, animals, plants, energy, health, machines, and more.

2ND GRADE SCIENCE

2 Semesters

2nd Grade Science teaches the development of critical observation skills as part of instruction in the four major science strands of life sciences, earth and space sciences, physical sciences, and the nature of science. This course captivates students with lessons on how animals are alike and different, how people are alike and different, caring for pets, using the five senses, colors, shapes, sizes, caring for our world, the seasons, and more.

3RD GRADE SCIENCE

2 Semesters

3rd Grade Science is a basic elementary course that exposes students to the designs and patterns in the physical universe. This course provides a broad survey of the major areas of science, including the human body, plants, animals, health and nutrition, matter, sound waves, earth science, and heat energy.

4TH GRADE SCIENCE

2 Semesters

Building on fundamental concepts, 4th Grade Science provides a broad survey of the major areas of science, including the study of plants and animals, ecology, work and simple machines, electricity and magnetism, properties of water and matter, weather, the solar system, and the different spheres of earth.

5TH GRADE SCIENCE

2 Semesters

5th Grade Science provides a broad survey of the major areas of science, including the study of cells, plants and animals, ecology, energy, geology, properties of matter, and the natural cycles of life. The curriculum seeks to develop students' ability to understand and participate in scientific inquiry.

6TH GRADE SCIENCE

2 Semesters

This full-year middle school course focuses on introducing students to the diversity of physical and life sciences. The course includes an overview of scientific principles and procedures, and leads students toward a clearer understanding of matter, motion, and ecosystems.

7TH GRADE SCIENCE

2 Semesters

Students enrolled in this course explore the structure of life, covering everything from atoms and cells to the human body. The course also explores how humans have affected our atmosphere and marine ecosystems.

PHYSICAL SCIENCE

2 Semesters

Physical Science is an intermediate course that covers the structure and properties of matter, measurement and mathematics of science, geology, oceanography, natural cycles and resources, science today and tomorrow, and astronomy. Students at this level show an understanding of interrelationships between organisms and the environment, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems.

BIOLOGY

2 Semesters

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a year-long course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology.

CHEMISTRY

2 Semesters

The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

ENVIRONMENTAL SCIENCE

2 Semesters

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

PHYSICAL SCIENCE*

2 Semesters

This full-year course focuses on traditional concepts in chemistry and physics and encourages exploration of new discoveries in this field of science. The course includes an overview of scientific principles and procedures, and leads students toward a clearer understanding of matter, energy, and the physical universe.

*Physical Science is only available to incoming 9th grade students who have not taken Physical Science as a main course in 8th grade.

PHYSICS

2 Semesters

This full-year course focuses on traditional concepts in physics and encourages exploration of new discoveries in this field of science. The course includes an overview of scientific principles and procedures, and leads students toward a clearer understanding of motion, energy, electricity, magnetism, and the laws that govern the physical universe.

Social Studies

1ST GRADE HISTORY AND GEOGRAPHY

2 Semesters

Presenting lessons in ten colorful workbooks, the focus of 1st Grade History & Geography is “Your World.” Students learn about being feelings, family relationships, places people live, firemen and policemen, the pilgrims, patriotism, the globe, and different countries.

2ND GRADE HISTORY AND GEOGRAPHY

2 Semesters

2nd Grade History & Geography presents an introductory history of the United States of America. Ten engaging workbooks present lessons on the trail of the Native Americans, the different branches of the government, westward expansion, and America’s pioneers. The course also includes a comprehensive study of maps.

3RD GRADE HISTORY AND GEOGRAPHY

2 Semesters

3rd Grade History & Geography is an exploration of the regions of the United States. Intended to give students an overview of the United States, this course lets students set their own pace while studying mountains, rivers, fields, plants, animals, and people in each U.S. region.

4TH GRADE HISTORY AND GEOGRAPHY

2 Semesters

4th Grade History & Geography focuses on world geography, describing the surface of the earth and its natural features or biomes. It also teaches about cultural distinctions, placing special emphasis on North American geography and culture.

5TH GRADE HISTORY AND GEOGRAPHY

2 Semesters

5th Grade History & Geography focuses on the two major areas of American history and geography. The course covers American history from early exploration through the Reconstruction, with special emphasis given to inventions and technology of the 19th and early 20th centuries.

MIDDLE SCHOOL ANCIENT WORLD HISTORY

2 Semesters

The MS Ancient World History course presents a cohesive and comprehensive overview of ancient world history. This year-long course covers ancient peoples, cultures, civilizations, and innovations through approximately 300 CE. Students are introduced to historical inquiry skills for application to studies of ancient civilizations. Students explore physical and human geography to explain how ancient people interacted with the environment and understand how civilizations developed. Students study early economies and how trade relations affected culture and language. In later lessons, students examine how early forms of government and technology have had a lasting influence on modern civilization.

MIDDLE SCHOOL CIVICS, GOVERNMENT, AND ECONOMICS

2 Semesters

Exploring the structure of the United States government on a national, state, and local level, this course challenges students to learn and understand fundamental concepts and philosophies that led to the creation of the United States Constitution. Students enrolled in this two-semester course analyze the political process, political parties, and influences that affect them both.

MIDDLE SCHOOL U.S. HISTORY

2 Semesters

The Survey of U.S. History course presents a cohesive and comprehensive overview of the history of the United States. This year-long course surveys the major events and turning points of US history as it moves from the era of exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped US history. In early units, students will explore the geography of the nation and world, as well as assess the foundations of U.S. democracy while examining crucial documents.

ECONOMICS

1 Semester

This semester-long course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free enterprise system and the global economy, and personal finance strategies.

HUMAN GEOGRAPHY

2 Semesters

Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school-level course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories.

MODERN WORLD HISTORY

2 Semesters

This year-long course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history.

PSYCHOLOGY

2 Semesters

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives.

SOCIOLOGY

1 Semester

Providing insight into the human dynamics of our diverse society, this is an engaging one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals, and socialization.

U.S. GOVERNMENT

1 Semester

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its Amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights.

U.S. HISTORY I

2 Semesters

U.S. History I is a year-long course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from the Era of Exploration through the Industrial Revolution, leading students through a careful examination of the defining moments that paved the way for the United States of today.

U.S. HISTORY II

2 Semesters

U.S. History II is a year-long course that examines the major events and turning points of U.S. history from the Industrial Revolution through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history.



Spelling

3RD GRADE SPELLING

2 Semesters

3rd Grade Spelling delves into relevant spelling rules and word families throughout 30 weeks of instruction. Students not only practice phonics skills, including syllabication and sounding out multisyllabic words, but also incorporate word parts such as prefixes and suffixes. These lessons also reinforce language arts skills including application of the writing process and reading comprehension.

4TH GRADE SPELLING

2 Semesters

4th Grade Spelling is a 30-week course of instruction that practices phonics skills, including vowel combinations and sounding out multisyllabic words, as well as incorporation of word parts such as prefixes and suffixes. Units include review of base and root words, plural nouns, and homophones.

5TH GRADE SPELLING

2 Semesters

5th Grade Spelling is a 30-week course of instruction that practices phonics skills, including phonograms, compound words, and vowel-consonant-vowel patterns. Course units also include significant incorporation of word parts such as prefixes and suffixes. Units include review of base and root words, silent words, and homophones.



Electives

AP BIOLOGY

2 Semesters

AP® Biology is a nine-unit, college-level biology course that engages students in the study of evolution, energetics, information storage and transmission, and systems interactions. This yearlong course covers the advanced concepts of biology and features interactive or hands-on experiences, such as projects and laboratory investigations, that encourage inquiry and higher-order thinking applications.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP CALCULUS AB

2 Semesters

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

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP ENGLISH LITERATURE & COMPOSITION

1 Semester

AP English Literature and Composition is designed to be a college/university-level course. This course equips students to critically analyze all forms of literature to comment insightfully about an author or genre's use of style or literary device. Students also interpret meaning based on form; examine the trademark characteristics of literary genres and periods; and critique literary works through expository, analytical, and argumentative essays.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP ENVIRONMENTAL SCIENCE

2 Semesters

AP Environmental Science is a laboratory and field-based course designed to provide students with the content and skills needed to understand the various interrelationships in the natural world, to identify and analyze environmental problems, and to propose and examine solutions to these problems. Since this is an online course the laboratory and field-based activities will be done virtually and via experiments that students can easily perform at home with common materials.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP FRENCH LANGUAGE & CULTURE

2 Semesters

Our online AP French Language course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP French Language course prepares them for the AP French exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive and Presentational) as defined in the Standards for Foreign Language Learning in the 21st Century.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP HUMAN GEOGRAPHY

2 Semesters

AP® Human Geography is a yearlong college-level course designed to prepare students for the Advanced Placement (AP) Human Geography Exam. The course focuses on the study of human populations and their interaction with one another, as well as with the physical and built environments.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP PSYCHOLOGY

2 Semesters

The AP Psychology course introduces students to the scientific study of the behaviors and mental processes of human beings. Students study a wide range of topics, including the history and approaches of psychology, research methods, behavior and learning, personality, and abnormal behavior and its treatment.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP SPANISH LANGUAGE AND CULTURE

2 Semesters

Our online AP Spanish Language and Culture course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP Spanish Language and Culture course prepares students for the College Board's AP Spanish Language and Culture exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive and Presentational) as defined in the Standards for Foreign Language Learning in the 21st Century.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP STATISTICS

2 Semesters

AP® Statistics is a yearlong, college-level course designed to prepare students for the Advanced Placement (AP) Statistics exam. Major topics of study include exploring one- and two-variable data, sampling, experimentation, probability, sampling distributions, and statistical inference.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP U.S. HISTORY

2 Semesters

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

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP U.S. GOVERNMENT & POLITICS

1 Semester

AP U.S. Government and Politics is a semester-long, college-level course designed to prepare students for the Advanced Placement (AP) U.S. Government and Politics exam. The goal of this course is to explore and analyze important concepts of U.S. government and politics.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

AP WORLD HISTORY: MODERN

2 Semesters

AP® World History: Modern is a yearlong, college-level course designed to prepare students for the Advanced Placement (AP) World History: Modern exam. The goal of this course is to explore historical themes common to societies around the world and across time periods, from 1200 to the present day.

**AP courses may require additional materials and supplies recommended by the AP College Board.*

ART HISTORY I

2 Semesters

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, Art History I offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions.

FUNDAMENTALS OF DIGITAL MEDIA

1 Semester

Fundamentals of Digital Media is a semester-long course that presents high school students an overview of the different types of digital media and how they are used in the world today. This course examines the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces several different career paths related to digital media.

INTRODUCTION TO ART

2 Semesters

Covering art appreciation and the beginning of art history, Intro to Art encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this full-year course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques.

MUSIC APPRECIATION

1 Semester

Whether pop, classical, or anything in between, music provides a powerful way for people to celebrate their humanity and connect with something larger than themselves. Music Appreciation: The Enjoyment of Listening not only provides a historical perspective on music from the Middle Ages to the 21st century, but it also teaches you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that's all around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form.

MUSIC THEORY

1 Semester

Hit the right note with students! Music theory is a one semester, course from our online academy which introduces students to the foundations of music. Great for beginners, this engaging elective for grades 9-12 covers concepts from counting and reading music to creating compositions. Ear training exercises are included to help students practice understanding and comprehension.

CAREER EXPLORATIONS I

1 Semester

Career Explorations I is a semester-long course designed to give middle school students an opportunity to explore various CTE subjects. Specifically, students learn about careers involving human-related services. Each of the five units introduce one particular field and explains its past, present, and future. Units include Career Management, Introduction to Careers in Health Sciences, Hospitality and Tourism Systems, Human Services, and Consumer Services.

CAREER EXPLORATIONS II

1 Semester

Career Explorations II is a semester-long course designed to give middle school students an opportunity to explore various CTE subjects. Specifically, students learn about careers involving various technical fields from computers to agriculture. Five units include Information Technology, Introduction to Information Support and Services, Introduction to Network Systems, Introduction to Agriculture, Food, and Natural Resources, and Introduction to STEM (Science, Technology, Engineering, and Mathematics).

CAREER EXPLORATIONS III

1 Semester

Career Explorations III is a semester-long course designed to give middle school students an opportunity to explore various CTE subjects. Specifically, students learn about careers from business to hands-on career paths. These five units include Introduction to Business and Finance, Introduction to Manufacturing, Introduction to Transportation, Distribution, and Logistics, Introduction to Architecture and Construction, and Introduction to Marketing.

INTRODUCTION TO CODING

1 Semester

Introduction to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field.

KEYBOARDING & APPLICATIONS

1 Semester

Keyboarding and Applications is a semester-long elective that teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. In this course, students gain daily practice of key skills and gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, students apply their keyboarding skills to create a variety of business documents, including word processing documents and electronic presentations.

MIDDLE SCHOOL FRENCH 1

2 Semesters

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.

MIDDLE SCHOOL FRENCH 2

2 Semesters

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. The course represents an ideal blend of language learning pedagogy and online learning.

MIDDLE SCHOOL GERMAN 1

2 Semesters

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. The course represents an ideal blend of language learning pedagogy and online learning.

MIDDLE SCHOOL GERMAN 2

2 Semesters

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. The course represents an ideal blend of language learning pedagogy and online learning.

MIDDLE SCHOOL SPANISH 1

2 Semesters

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.

MIDDLE SCHOOL SPANISH 2

2 Semesters

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.

MIDDLE SCHOOL WORLD CULTURES & GEOGRAPHY

2 Semesters

Designed to introduce students to the study of geography, this course helps students master important concepts in physical and human geography. Comprehensive and organized by region, this two-semester middle school course helps students understand the Earth's physical and human diversity. Students analyze population and settlement patterns and evaluate the ways that human activities modify the physical environment.

ONLINE LEARNING AND DIGITAL CITIZENSHIP

1 Semester

In this one-semester course, students develop essential study skills for academic success, such as staying organized, managing time, taking notes, applying reading strategies, writing strong papers, and researching and properly citing information. Explicit modeling and ample practice are provided for each study skill to support student mastery. Instruction on how to be a responsible online learner is threaded throughout the course, and these skills are directly addressed in lessons on cyberbullying, staying safe online, and learning how to be a digital leader.

CONTEMPORARY HEALTH

1 Semester

This semester-long course designed for high school students examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships, and mental health in the context of the importance of creating a healthy lifestyle.

FOUNDATIONS OF PERSONAL WELLNESS

2 Semesters

Exploring a combination of health and fitness concepts, Foundations of Personal Wellness is a comprehensive and cohesive course that explores all aspects of wellness. Offered as a two-semester course designed for high school students, this course uses pedagogical planning to ensure that students explore fitness and physical health and encourages students to learn about the nature of social interactions and how to plan a healthy lifestyle.

HEALTHY LIVING

1 Semester

Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this course is a one-semester course that provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns.

LIFETIME FITNESS

2 Semesters

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, Lifetime Fitness equips high school students with the skills they need to achieve lifetime fitness.

ACT TEST PREP

0.5 Semester

Prepare students in grades 9-12 for the ACT with content-specific instruction in English, math, reading, science, and writing. Plus, learn helpful test-taking strategies. Each individual unit focuses on a specific subject and ends with a practice test to evaluate progress. The course culminates with four full-length ACT practice tests. The course begins with an orientation unit that includes test tips before moving to specific content on the tests in English, math, reading, science, and writing.

FRENCH I

2 Semesters

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.

FRENCH II

2 Semesters

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.

FRENCH III

2 Semesters

In this expanding engagement with French, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in French, and respond orally or in writing to these works. 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.

GERMAN I

2 Semesters

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.

GERMAN II

2 Semesters

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.

SPANISH I

2 Semesters

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.

SPANISH II

2 Semesters

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.

SPANISH III

2 Semesters

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.



Career & Technical Education

AGRIBUSINESS SYSTEMS

1 Semester

Agribusiness Systems is a semester-length high school course that introduces the business, management, marketing, and financial skills needed to successfully produce food, fiber, and fuel for domestic and global markets.

ANIMAL SYSTEMS

1 Semester

Animal Systems is a semester-long high school course that provides students with a wealth of information on livestock-management practices, animal husbandry, physiological systems, the latest scientific trends, veterinary practice, and innovations in food production. Changes in practices, regulations, and legislation for animal welfare continue as new research provides solutions to medical, ethical, and practical concerns.

FOOD PRODUCTS AND PROCESSING SYSTEMS

1 Semester

Agriculture, food, and natural resources are central to human survival and civilization. The development, use, and stewardship of natural resources to create food products have a long and ever-changing timeline. This semester-length high school course that explores the history and evolution of food products, along with the processing methods that have arisen to feed an ever-growing world population.

INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES

1 Semester

This semester-length high school course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, "green" technologies, agribusiness principles, and sustainability systems.

PLANT SYSTEMS

1 Semester

Plant Systems is a semester-length high school course that introduces students to the basics of plant biology, soil science, agriculture, and horticulture, along with the environmental management practices involved in each, including integrated pest management, biotechnology, growth techniques, and crop management.

POWER, STRUCTURAL, & TECHNICAL SYSTEMS

1 Semester

This semester-length high school course provides students with an understanding of the field of agriculture power and introduces them to concepts associated with producing the food and fiber required to meet today's and tomorrow's needs.

CONSTRUCTION CAREERS

1 Semester

Construction Careers is a semester-long course that introduces high school students to the basics of construction, building systems, engineering principles, urban planning, and sustainability. Students learn the key techniques in building all types of buildings, as well as the key individuals involved in each step of the process. Many lessons present information on green building techniques and concepts that are becoming a standard part of the construction industry.

INTRODUCTION TO CAREERS IN ARCHITECTURE & CONSTRUCTION

1 Semester

The goal of this semester-long high school course is to provide students with an overview of careers in architecture and construction to assist with informed career decisions. This dynamic, rapidly evolving career cluster is comprised of three pathways (fields): Design and Pre-Construction (Architecture and Engineering); Construction (Construction and Extraction); and Maintenance and Operations (Installation, Maintenance, and Repair).

FUNDAMENTALS OF DIGITAL MEDIA

1 Semester

Fundamentals of Digital Media is a semester-long course that presents high school students an overview of the different types of digital media and how they are used in the world today. This course examines the impact that digital media has on culture and lifestyle. The course reviews the basic concepts for creating effective digital media and introduces several different career paths related to digital media.

BUSINESS COMPUTER INFORMATION SYSTEMS

2 Semesters

Business Computer Information Systems is a year-long course that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas: communication, business technology, word processing, spreadsheet, and database applications, telecommunications, desktop publishing, and presentation technology, computer networks, and computer operating systems.

BUSINESS LAW

1 Semester

This semester-long high school course is designed to provide students with the knowledge of some of the vital legal concepts that affect commerce and trade, after first gaining some familiarity with how laws are created and interpreted. Students are then introduced to the types of businesses that can be created as well as the contractual and liability considerations that can impact a business.

INTRODUCTION TO BUSINESS

2 Semesters

In this two-semester introductory course, students will learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types.

MICROSOFT® OFFICE® SPECIALIST (2016)

2 Semesters

This two-semester course introduces students to the features and functionality of Microsoft® Office® 2016 while preparing them for the beginning, intermediate, and advanced levels of the Microsoft Office Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word®, Excel®, PowerPoint®, Outlook®, and Access®.

SMALL BUSINESS ENTREPRENEURSHIP

1 Semester

This one-semester course is designed to provide the skills needed to effectively organize, develop, create, manage, and own a business, while exposing students to the challenges, problems, and issues faced by entrepreneurs. Throughout this course, students explore what kinds of opportunities exist for small business entrepreneurs and become aware of the necessary skills for running a business.

This year-long course teaches students technical skills, effective communication skills, and productive work habits needed to make a successful transition into the workplace or postsecondary education. In this course, students gain an understanding of emerging technologies, operating systems, and computer networks. In addition, they create a variety of business documents, including complex word-processing documents, spreadsheets with charts and graphs, database files, and electronic presentations.



CAREER MANAGEMENT

1 Semester

Career Management is a semester-length high school course that assists students in their preparation for career selection. The course is designed to improve workforce skills needed in all careers including communication, leadership, teamwork, decision making, problem solving, goal setting and time management.

CAREER PLANNING & DEVELOPMENT

2 Semesters

Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve.

INTRODUCTION TO CAREERS IN EDUCATION & TRAINING

1 Semester

Introduction to Careers in Education and Training is a semester-long course that introduces students to the field of education and training, and the opportunities available for early-childhood through adult and continuing education. Students gain an understanding of the career options available in teaching, administrative work, and support services. They also explore the education and background experience needed to succeed in these careers.

INTRODUCTION TO HUMAN GROWTH & DEVELOPMENT

1 Semester

This semester-long course focuses on human growth and development over the lifespan, as well as careers that help people deal with various physical, intellectual, and socioemotional issues, such as physicians, nurses, nutritionists, substance abuse counselors, clergy, teachers, career counselors, psychologists, and psychiatrists.

TEACHING & TRAINING CAREERS

1 Semester

Teaching & Training Careers is a semester-long high school course that introduces students to the art and science of teaching. It provides a thorough exploration of pedagogy, curriculum, standards and practices, and the psychological factors shown by research to affect learners.

BANKING SERVICES CAREERS

1 Semester

Banking Services Careers is a semester-long high school course that provides an overview of how the banking system works, what the Federal Reserve is, and the technical and social skills needed to work in banking and related services. Students explore career paths and the required training or higher education necessary and gain an understanding of the basic functions of customer transactions (e.g., setting up an account, processing a loan, establishing a business), cash drawer activity, check collection processes, and other customer service-related transactions. This course also discusses how technology has changed banking in the 21st century.

INTRODUCTION TO CAREERS IN FINANCE

1 Semester

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

**INTRODUCTION TO CAREERS IN GOVERNMENT
& PUBLIC ADMINISTRATION**

1 Semester

This semester-long course provides students with an overview of American politics and public administration, including how political institutions and public management systems at the local, state, and federal levels exercise supervisory authority and maintain accountability. Students explore the foundations of the U.S. government, the separation of powers, the federal civil service system, and the relationship between the government and state and local officials.

CAREERS IN ALLIED HEALTH

1 Semester

Careers in Allied Health is a semester-long course that focuses on select allied health careers, studying a variety of different levels, responsibilities, settings, education needs and amounts of patient contact. The course includes an overview of the degree or training needed for each job, the environment one would work in, how much money the position could make, and the facts of the actual working day.

HEALTH, SAFETY, & ETHICS IN THE HEALTH ENVIRONMENT

1 Semester

Health, Safety, and Ethics in the Health Environments is a semester-long high school course that focuses on healthcare safety, health maintenance practices, environmental safety processes and procedures, and ethical and legal responsibilities. It also reinforces, expands and enhances biology content specific to diseases and disorders.

HEALTH SCIENCE CONCEPTS

2 Semesters

This year-long course introduces high school students to the fundamental concepts of anatomy and physiology, including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students will learn about the major body systems, common diseases and disorders, and the career specialties associated with each system.

INTRODUCTION TO CAREERS IN THE HEALTH SCIENCES

1 Semester

This semester-long course is an overview of health careers and overriding principles central to all health professions. The course provides a foundation for further study in the field of health science. Topics include science and technology in human health, disease development, ethics in health care, teamwork in the health care environment, and more.

INTRODUCTION TO HEALTH SCIENCE

2 Semesters

This high school course introduces students to a variety of healthcare careers as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care.

MEDICAL TERMINOLOGY

1 Semester

This semester-long course introduces students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, as well as medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to healthcare settings, medical procedures, pharmacology, human anatomy and physiology, and pathology.

NURSING ASSISTANT

2 Semesters

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and nursing care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology, care procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills.

NURSING: UNLIMITED POSSIBILITIES & UNLIMITED POTENTIAL

1 Semester

Nursing: Unlimited Possibilities and Unlimited Potential provides high school students opportunities to compare and contrast the various academic and clinical training pathways to an entry-level position in nursing and to explore the growing number of opportunities for professional advancement given the proper preparation and experience.

PHARMACY TECHNICIAN

2 Semesters

This two-semester course prepares students for employment in the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, and pharmacology, as well as medical terminology and abbreviations.

**PHYSICIANS, PHARMACISTS, DENTISTS, VETERINARIANS,
& OTHER DOCTORS**

1 Semester

Physicians, Pharmacists, Dentists, Veterinarians, and Other Doctors focuses on preparation for physician-level careers, including dental, veterinary and pharmaceutical, along with a look into the physician assistant and alternative medicine systems. This semester-long course also introduces the topics of diversity and the move toward social and cultural skills in medicine, in addition to academic ability. This course focuses on the preparation for entry to practice, along with navigating the field once you are in it (working as part of a team, dealing with patients, etc.).

PUBLIC HEALTH: DISCOVERING THE BIG PICTURE IN HEALTH CARE

1 Semester

Public Health: Discovering the Big Picture in Health Care is a semester-long high school course that discusses the multiple definitions of public health and the ways these definitions are put into practice. The five core disciplines and ways they interact to reduce disease, injury and death in populations is explored. By understanding the roles of public health, students gain a greater appreciation for its importance and the various occupations one could pursue within the field of public health.

THERAPEUTICS: THE ART OF RESTORING & MAINTAINING WELLNESS

1 Semester

Therapeutics: The Art of Restoring and Maintaining Wellness is a semester-long high school course that focuses on careers that help restore and maintain mobility and physical and mental health, such as physical therapists, physical therapy assistants, occupational therapists, athletic trainers, massage therapists, dietitians and dietetic technicians, art therapists, neuro-therapists, vocational rehabilitation counselors, and registered dental hygienists.

FOOD SAFETY & SANITATION

1 Semester

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

MARKETING & SALES FOR TOURISM & HOSPITALITY

1 Semester

This semester-long course is designed as an introduction to the study of tourism and hospitality marketing and sales. Students are introduced to marketing theory and application of the basic principles of marketing as applied in hospitality and tourism. The relationship between marketing and other functions such as advertising, sales techniques, and public relations to maximize profits in a hospitality organization is addressed.

PLANNING MEETINGS & SPECIAL EVENTS

1 Semester

Planning Meetings and Special Events is a semester-long high school course designed as an introduction to the study of planning meetings and special events. Being a meetings and special events planner is both demanding and rewarding. According to The Bureau of Labor Statistics employment of meeting, convention, and event planners is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. Job opportunities should be best for candidates with hospitality experience and a bachelor's degree in meeting and event management, hospitality, or tourism management.

SUSTAINABLE SERVICE MANAGEMENT FOR HOSPITALITY & TOURISM

1 Semester

This comprehensive semester-long course covers the principles and practices of sustainable service management. The purpose of this course is to provide students with an understanding of socially, environmentally, and financially sustainable hospitality management. The course provides a sustainable approach to service management, incorporating the role of the customer, employee, leaders, and the environment.

TRANSPORTATION & TOURS FOR THE TRAVELER

1 Semester

Transportation and Tours for the Traveler is a semester-long course where students learn about today's package tour industry, travel industry professionals, and package tour customers. Students find out who tour operators must work with to create travel products and what kinds of decisions they must make in terms of meals, lodging, attractions, and, of course, transportation.

FAMILY & COMMUNITY SERVICES

1 Semester

Family and Community Services is a high school semester-long course that introduces applications within professions related to family and community services. Students identify degree and credential requirements for occupations in this pathway and identify individual, social, historical, economic, and cultural context to increase awareness of family and community services.

INTRODUCTION TO CONSUMER SERVICES

1 Semester

In this semester-long course, students analyze various career paths in terms of employment opportunities and educational requirements, such as hard and soft skills, certifications, and licensures for different pathways. Developing research, analytical, and presentations skills are key components. This course is designed as an overview to prepare students for a consumer services related career and to introduce them to specialty areas. Emphasis is placed on the human services aspect (vs. corporate concerns) of consumer services.

INTRODUCTION TO HUMAN SERVICES

1 Semester

This semester-long course introduces high school students to the possibilities for careers in the human services professions. Through anecdotes, lessons, and a variety of assignments and projects, students learn about the broad variety of jobs available in the human services. These begin with entry-level positions, such as associate social workers, that require a two-year Associate of Arts degree.

PERSONAL CARE SERVICES

1 Semester

Personal Care Services introduces high school students to a variety of careers in the following areas: cosmetology (including hairstyling and haircutting, esthetics, manicuring, makeup, and teaching) and barbering (including cutting and styling of hair and facial hair and manicuring for men); massage therapy, teaching body-mind disciplines (yoga, Pilates, and the martial arts), and fitness (general exercise classes and acting as a personal trainer); and mortuary science (embalming and funeral directing).

COMPUTER APPLICATIONS: OFFICE® 2016

2 Semesters

This full-year course introduces students to the features and functionality of the most widely used productivity software in the world: Microsoft® Office®. Through video instruction, interactive skills demonstrations, and hands-on practice assignments, students learn to develop, edit, and share Office® 2016 documents for both personal and professional use in Word® and Excel®. Students also learn basic features of both Outlook® and PowerPoint®.

FUNDAMENTALS OF COMPUTER SYSTEMS

1 Semester

Fundamentals of Computer Systems is a semester-long high school course that provides students with an understanding of computers and how they operate as well as a basic understanding of how to manage and maintain computers and computer systems. These skills provide students with the ability to configure computers and solve computer problems.

FUNDAMENTALS OF PROGRAMMING & SOFTWARE DEVELOPMENT

1 Semester

This semester-long course provides students with an understanding of basic software development concepts and practices, issues affecting the software industry, careers within the software industry, and the skills necessary to perform well in these occupations. Students learn details about core concepts in programming using Java, writing and debugging code, proper syntax, flow of control, order of operations, comparison operators, and program logic tools and models.

INTRODUCTION TO COMPUTER SCIENCE

2 Semesters

This full-year course is designed for students in grades 9–10, although any students across grades 9–12 may enroll. This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can affect the world. Students have creative, hands-on learning opportunities to create computer programs, develop web pages, design mobile apps, write algorithms, and collaborate with peers while building strong foundational knowledge.

INTRODUCTION TO INFORMATION TECHNOLOGY

2 Semesters

This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support.

INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT & SERVICES

1 Semester

This semester-long course focuses on real-world application, including common industry best practices and specific vendors that offer tools for technicians, project managers, and IT leadership. Students learn how the IT department of an enterprise supports the overall mission of the company. Students apply their knowledge of hardware and software components associated with IT systems while exploring a variety of careers related to IT support and services.

INTRODUCTION TO NETWORK SYSTEMS

1 Semester

This semester-long course introduces students to the fundamental technology and concepts that make networking systems possible. The most important concept introduced is that of the OSI reference model and its bottom four layers, which are most directly concerned with networking instead of computing.

NETWORK SYSTEM DESIGN

1 Semester

Network System Design is a semester-long course that provides students with an understanding of computer networks and how they operate, as well as a basic understanding of how to manage and maintain computer networks. These skills provide students with the ability to design, configure, and troubleshoot networks of all sizes.

NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY

1 Semester

New Applications is a semester-long survey course that travels from the first software programs developed to facilitate communication on the Internet, to the new generation of mobile and native apps that access the Internet without a reliance on a web browser. New Applications is also a practical course in how to develop a presence on the World Wide Web using WordPress and other available web-application tools.

SOFTWARE DEVELOPMENT TOOLS

1 Semester

This semester-long course introduces students to the variety of careers related to programming and software development. Students gather and analyze customer software needs and requirements, learn core principles of programming, develop software specifications, and use appropriate reference tools to evaluate new and emerging software.

CORRECTIONS: POLICIES & PROCEDURES

1 Semester

Corrections is one of the three branches of the Criminal Justice System (CJS) in the United States. All three branches employ personnel who are authorized to uphold and enforce the law and are required to operate under the rule of law. Each branch works as part of the entire system to maintain the public safety and well-being and bring criminals to justice. Corrections facilities and programs are run by a complex system of policies and procedures, which uphold local, state, and federal laws.

FIRE & EMERGENCY SERVICES

1 Semester

Emergency and fire-management services are essential infrastructure components of a community. Fire and Emergency Services is a semester-long course that provides students with the basic structure of these organizations as well as the rules and guidelines that govern pre-employment education requirements. The vehicles, equipment, and emergency-mitigations strategies that are commonly used in the emergency and fire-management field are also explored.

FORENSICS: USING SCIENCE TO SOLVE A MYSTERY

1 Semester

Forensics: Using Science to Solve a Mystery is a semester-long high school course that overviews modern-day forensic science careers at work using science concepts to collect and analyze evidence and link evidence to the crime and suspects in order to present admissible evidence in courts of law. Projects in this course include simulated crime-scene investigation, actual DNA separation, development of a cybersecurity plan, and the identification of specific forensic skills used during a large murder case.

INTRODUCTION TO LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

1 Semester

In this semester-long course, students learn about the many careers that exist within the fields of law, law enforcement, public safety, corrections, and security. In addition to learning about the training and educational requirements for these careers, students explore the history of these fields and how they developed to their current state.

LAW ENFORCEMENT FIELD SERVICES

1 Semester

This semester-long course introduces students to the field of law enforcement and the local, county, state, and federal laws that law enforcement personnel are sworn to uphold. The students also gain an understanding of the career options available in this field and the skills, education, and background experience needed to succeed. Throughout the course, students learn about the evolution of the role of law enforcement in the United States including key changes affecting law enforcement.

LEGAL SERVICES

1 Semester

Legal Services is a high school semester-long course that provides students with an overview of the system of laws in the United States, the practice areas, and career options in the field. Students learn about how the legal system operates, the consequences to those who commit crimes, and how disputes are settled, as well as how criminal and civil cases reach court and are resolved.

SECURITY & PROTECTIVE SERVICES

1 Semester

Security and Protective Services is a semester-long high school course that offers an overview of the security and protective services industry. Students will understand different types of security services and how they relate to one another. The distinction between the criminal justice system within the public sector and private security is addressed.

CAREERS IN MARKETING RESEARCH

1 Semester

Marketing research is the foundation of all marketing activities because it provides the data needed to make key strategic decisions about products, promotions, pricing, and other key organizational decisions. Careers in Marketing Research is a semester-long high school course that provides information about the process of investigation and problem analysis by using research to produce key marketing statistics that are communicated to management and used throughout the organization.

ENGINEERING & DESIGN

1 Semester

This semester-long course focuses on building real-world problem-solving and critical-thinking skills as students learn how to innovate and design new products and improve existing products. Students are introduced to the engineering design process to build new products and to the reverse engineering process, which enables engineers to adjust any existing product.

ENGINEERING & PRODUCT DEVELOPMENT

1 Semester

This semester-long course provides an overview of the concepts of product engineering and development. Students analyze the life cycle of a product to prepare a product for distribution and for target markets. In addition, the course provides information about the different careers available to students interested in engineering, product development, and project management.

INTRODUCTION TO STEM

1 Semester

This semester-long course introduces students to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM.

SCIENCE & MATHEMATICS IN THE REAL WORLD

1 Semester

Science and Mathematics in the Real World is a semester-long high school course where students focus on how to apply scientific and mathematical concepts to the development of plans, processes, and projects that address real world problems, including sustainability and “green” technologies. This course also highlights how science, mathematics, and the applications of STEM will be impacted due to the development of a greener economy.

SCIENTIFIC DISCOVERY & DEVELOPMENT

1 Semester

Scientific Discovery and Development is a semester-long high school course that explores the history of clinical laboratory science, learning how clinical laboratories evolved and became professionalized, and how scientific discoveries and breakthroughs fueled the development of the laboratory while the sub-disciplines in biology were advancing. Students learn about the circulatory system and about microbiology and the subfields within it. Cells and tissues, cell division and basic genetics is also addressed.

SCIENTIFIC RESEARCH

1 Semester

Scientific Research is a semester-long high school course that describes activities from the point of view of a professional scientist. The lessons provide support, accessible ideas, and specific language that guide students through most of the steps, insights, and experiences eventually faced if continued through higher education toward a graduate degree.

STEM & PROBLEM SOLVING

1 Semester

Science, technology, engineering, and mathematics (STEM) are active components in the real world. STEM and Problem Solving is a semester-long high school course that outlines how to apply the concepts and principles of scientific inquiry, encouraging the use of problem-solving and critical thinking skills to produce viable solutions to problems. Students learn the scientific method, how to use analytical tools and techniques, how to construct tests and evaluate data, and how to review and understand statistical information.

CAREERS IN LOGISTICS PLANNING & MANAGEMENT SERVICES

1 Semester

Careers in Logistics Planning and Management Services is a semester-long course that provides high school students with the history of logistics and recent advances in the field. Units include supply chain management, inventory and transportation management, and safety in the workplace. Logistics is a high-growth industry and stable career choice.

**INTRODUCTION TO CAREERS IN TRANSPORTATION, DISTRIBUTION,
& LOGISTICS**

1 Semester

This semester-long course introduces students to the complicated world of commercial transportation. Students undertake an overview of the fields of transportation, distribution, and logistics, learning the differences between the fields and the primary services provided in each. Throughout the course, students learn how warehousing, inventory, and other associated businesses impact the economy, which includes the advantages and disadvantages of automation on employment.



