Imagine Edgenuity Course Catalog

2026–2027

imagine edgenuity

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Empower Potential

Imagine Edgenuity's award-winning courses combine rigorous content with direct-instruction videos from expert, on-screen teachers with interactive learning tools and resources to engage and motivate students. Our online courses for core curriculum, AP, elective, Career and Technical Education (CTE), dual credit, and credit recovery are based on the rigor and high expectations of state, Common Core, and NGSS standards.

Imagine Edgenuity gives schools the flexibility to offer the right courses for your students' needs. Our online courses are available for credit and concept recovery, initial credit, and as honors courses for students who want to further challenge themselves. Designed to inspire lifelong learning, Imagine Edgenuity's courses can be used in any blended or online learning model.

Credit Recovery Courses	Initial Credit Courses	Honors Courses
Feature instruction and assignments to meet national and state standards	Feature extended instruction and assignments for complete coverage of standards	Have additional instruction and/or assignments to extend learning
Have limited or no teacher-graded assignments	Contain teacher-graded assignments	Contain additional and more rigorous teacher-graded assignments
Take an average of 40 hours per semester	Take an average of 50 hours per semester	Take an average of 60 hours per semester

NCAA-Approved Courses for Student-Athletes

After completing an extensive evaluation, the National Collegiate Athletic Association (NCAA) has determined that Imagine Edgenuity's curriculum and instructional model are equivalent to face-to-face courses in length, content, and rigor, and are approved for use by student-athletes. Schools can enroll student-athletes in Imagine Edgenuity courses to ensure they are prepared to enter college with a rigorous online academic experience. Core courses for initial credit are approved by the NCAA for use with Imagine Instructional Services. Schools and districts can also use Imagine Edgenuity courses with their own teachers, but these implementations may need to be reviewed by the NCAA to ensure students are receiving high-quality instruction. Students must complete the full initial-credit course to receive credit from the NCAA even if they are recovering a credit; credit recovery versions or any courses with pretesting or prescriptive testing are not approved by the NCAA.

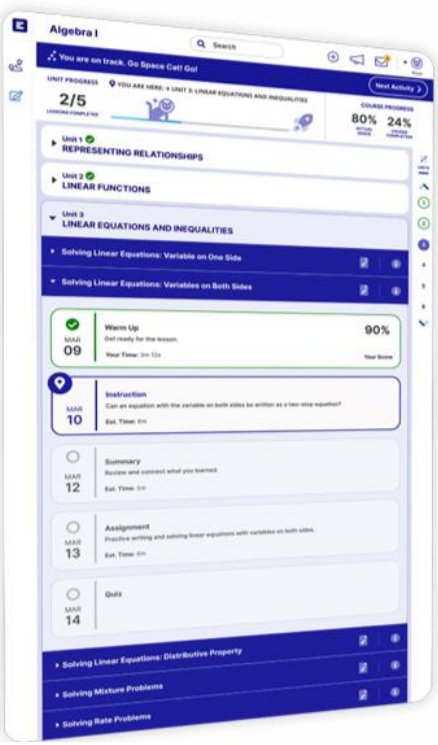
For more information, visit https://help.imagineedgenuity.com/hc/en-us/articles/360044635593-NCAA-approval-process

Introducing Imagine EdgeEX

Imagine EdgeEX courses for grades 9–12 provide an engaging and accessible learning experience for all students, empower teachers through actionable data and easy-to-use tools, and provide districts with more visibility and flexibility to customize the learning experience. Courses in the catalog marked with the "EX" icon are available in the Imagine EdgeEX experience. Courses in the catalog marked "EX ONLY" are only available in EdgeEX (and are not available in the heritage Imagine Edgenuity product).

What is Imagine EdgeEX?

For students – built to engage



Students get a modern look and feel, plus new motivational elements that enhance their experience and boost learning outcomes. Imagine EdgeEX puts students in control, with the ability to manage and track their own progress.

- **Answer Explanations:** step-by-step explanations for math assignments and assessments
- **Show Me Videos:** just-in-time reteaching and intervention
- **Fillable Guided Notes:** scaffolded note-taking tools to support all learners
- **Unparalleled ELL Support:** text translation in more than 130 languages, with Spanish audio tracks for videos in math, science, and social studies courses

For teachers – time better spent

A streamlined teacher experience means teachers spend less time navigating and managing courses and more time supporting the needs of students.

- **Educator Launchpad:** manage alerts and prioritize valuable time
- **Gradebook:** review and score student work more efficiently with a data-rich interface and AI-suggested feedback
- **Dynamic Resources:** syllabi, scope & sequence documents, guided notes, and standards alignments automatically adjust to customizations

For administrators – better visibility and flexibility

Imagine EdgeEX courses provide administrators with powerful, in-flight customization capabilities and easy-to-use course management tools to meet the unique needs of their educational communities.

- **Course Options**: over a dozen new options to tailor the student experience
- **Course Catalog:** interactive, state-specific course preview and self-provisioning
- **Course and Section Hubs:** all course-related actions and information in one place

To see the features available now in Imagine EdgeEX, visit imaginelearning.click/EdgeEX-Courses.

English Language Arts

Courses marked EX are available in both EdgeEX and non-EdgeEX versions.

ENGLISH LANGUAGE ARTS 6 EX

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 an array of literary and informational texts. Students sharpen their vocabulary, grammar, and listening skills through explicit modeling and ample practice. Students also engage in routine, responsive writing based on texts they have read. In comprehensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

ENGLISH LANGUAGE ARTS 7 EX

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 novel study and read excerpts from stories, poetry, and nonfiction. Explicit modeling and ample opportunities for practice help students sharpen their vocabulary, grammar, and listening skills. Students also respond routinely to texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

ENGLISH LANGUAGE ARTS 8 EX

In this course, students build on their knowledge and blossom as thoughtful readers and clear, effective writers. A balance of literary and informational texts 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. Students also routinely write responses to texts they have read, and use more extensive, process-based lessons to produce full-length essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

ENGLISH LANGUAGE ARTS 9 EX

In this thematically organized course, students read a broad variety of fiction and nonfiction, building their background knowledge across complex texts. Students draw upon what they've read to answer questions, make and support claims, analyze central ideas and details, and trace ideas across multiple texts. Students will develop and apply critical thinking and literary analysis skills as they speak, listen, read, and write—building the language arts skills they will need for college and career readiness.

ENGLISH LANGUAGE ARTS 10 EX

This sophomore English course is organized thematically, allowing students to trace ideas across multiple fiction and nonfiction texts. As students engage with what they read, they use textual evidence to support arguments and to make inferences about the author's purpose and choice of language. In this course students speak, listen, read, and write—developing and applying a range of critical thinking and literary analysis skills they will need to tackle more complex texts in upper grades, college, and careers.

ENGLISH LANGUAGE ARTS 11 EX

In this course, students journey through the history of American literature, from the early writings of Indigenous peoples and European settlers to modern texts. As students read, they are encouraged to use textual evidence to support their analyses and analyze the impact of the author's choices. Students make written and oral arguments to support claims, and they build upon previous writing skills to develop a formal and mature writing style. Students also develop their listening skills, integrating what they hear and what they read to form and communicate clear perspectives on a variety of issues.

ENGLISH LANGUAGE ARTS 12 **EX**

In this course, students journey through British literature as they analyze foundational fiction and literary nonfiction works. As students read, they use textual evidence to support their analyses and analyze the impact of the author's choices. Students make written and oral arguments to support claims, and they build upon previous writing skills to develop a formal and mature writing style. Students also further develop their listening skills, integrating what they hear and what they read to form and communicate clear perspectives on a variety of issues.

LITERACY & COMPREHENSION I

This course is one of two intervention courses designed to support the development of strategic reading and writing skills. These courses use a thematic and contemporary approach, including high-interest topics to motivate students and expose them to effective instructional principles using diverse content area and real-world texts. Both courses offer an engaging technology-based interface that inspires and challenges students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

LITERACY & COMPREHENSION II

Offering high-interest topics to motivate students who are reading two to three levels below grade, this course works in conjunction with Literacy & Comprehension I to use a thematic and contemporary approach to expose students to effective instructional principles using diverse content area and real-world texts. Each of these reading intervention courses offers an engaging, technology-based interface that inspires and challenges high school and middle school students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

INTRODUCTION TO COMMUNICATIONS AND SPEECH

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. High school students enrolled in this course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches.

EXPOSITORY READING AND WRITING **EX**

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 will explore some critical reading skills in fiction, poetry, and drama the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. Students will read a range of short but complex texts, including works by Walt Whitman, Abraham Lincoln, Cesar Chavez, Martin Luther King Jr., Langston Hughes, Julia Alvarez, Edna St. Vincent Millay, and Gary Soto.

CLASSIC NOVELS AND AUTHOR STUDIES

The Classic Novels mini-courses give students the opportunity to fully explore a large work of fiction or to be introduced to a celebrated author. Designed to stand alone as supplements or to be inserted into an existing Imagine Edgenuity course, each module guides students through the work with lectures, web activities, journals, and homework/practice. Available modules include: *1984, A Midsummer Night's Dream, Call of the Wild, Dr. Jekyll and Mr. Hyde, Heart of Darkness, Jane Eyre, Macbeth, Mrs. Dalloway, Portrait of the Artist, Robinson Crusoe, The House of Seven Gables, The Red Badge of Courage,* and *The Three Musketeers* along with the following author studies: Jorge Luis Borges and Flannery O'Connor.

AP® ENGLISH LANGUAGE & COMPOSITION

In this introductory college-level course designed to prepare students for the Advanced Placement exam, students advance their understanding of rhetoric and writing through the reading, analyzing, and writing of rhetorical texts. Throughout the course, students explore the basic tenets of writing and argumentation, such as rhetorical situation, claims and evidence, reasoning and organization, and style. Students will read and analyze a variety of nonfiction genres, including essays, journalism articles, political writings, science and nature writings, autobiographies and biographies, diaries, speeches, historical documents, and criticisms from multiple perspectives and backgrounds. The primary focus is on writing evidence-based analytical, synthesis, and argumentative essays and analyzing the rhetorical choices of a wide range of nonfictions writers. In addition to explicit instruction and learning activities, the course offers specific exam preparation lessons and practice.

AP® ENGLISH LITERATURE & COMPOSITION

In this introductory college-level course designed to prepare students for the Advanced Placement exam, students develop the fundamentals of literary analysis and introductory college composition. The course focuses on analyzing, evaluating, and interpreting literary fiction, poetry, and drama from a range of literary periods, authors, and perspectives. The diverse canon allows students to explore the function of character, setting, structure, narrator, and figurative language. Through a wide range of instruction and activities, students articulate their interpretation of literature through writing. The course includes exam preparation and practice that anticipates common student misconceptions.

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Mathematics

Courses marked EX are available in both EdgeEX and non-EdgeEX versions.

MATHEMATICS 6

In this course, students connect ratio and rate to multiplication and division, using ratio reasoning to solve a wide variety of problems. Students 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 include the entire set of rational numbers. Students begin to understand the use of variables as they write, evaluate, and simplify expressions. They use the idea of equality and properties of operations to solve one-step equations and inequalities. In statistics, students explore different graphical ways to display data. They use data displays, measures of center, and measures of variability to summarize data sets. The course also engages students in reasoning about relationships among shapes to determine area, surface area, and volume.

MATHEMATICS 7

This course features an in-depth study of proportional reasoning, during which students utilize concrete models such as bar diagrams and tables to develop conceptual understanding of rates, ratios, proportions, and percentages. Students extend their number fluency and understanding of the rational number system as they perform operations with signed rational numbers embedded in real-world contexts. In statistics, students develop meanings for representative samples, measures of central tendency, variation, and the ideal representation for comparisons of given data sets. Students develop an understanding of both theoretical and experimental probability. Throughout the course, students build fluency in writing expressions and equations that model real-world scenarios. They apply their understanding of inverse operations to solve multi-step equations and inequalities. Students build on their proportional reasoning to solve problems about scale drawings by relating the corresponding lengths between objects. Students also conduct geometric analyses of angle relationships, area, and volume of both two- and three-dimensional figures.

MATHEMATICS 8

In this course, students use input-output relationships to build 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. Students develop a deeper understanding of how translations, rotations, reflections, and dilations of distances and angles affect congruency and similarity. Students develop rules of exponents and use them to simplify exponential expressions. Students extend rules of exponents as they perform operations with numbers in scientific notation. Estimating and comparing square roots of non-perfect squares to perfect squares exposes students to irrational numbers and lays the foundation for applications such as the Pythagorean theorem, distance, and volume.

PRE-ALGEBRA EX

This full-year course is designed for high school 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 numbers and operations, expressions and equations, ratios and proportions, and basic functions. By the end of the course, students are ready to begin a more formal high school Algebra I study.

ALGEBRA I EX

This 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 will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.

GEOMETRY EX

This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

ALGEBRA II EX

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students 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. As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

PRECALCULUS EX

In this full-year advanced math course, students explore the nature of functions with a focus on graphing a variety of function types. They also study complex numbers, matrices, systems, and linear programming. Students explore rational functions in depth and delve into right triangle and circular trigonometry. Students synthesize what they have learned to graph and solve trigonometric functions. They also study vectors, conics and analytic geometry, statistics and probability, mathematical modeling, and sequences and series.

MATHEMATICS I EX

Mathematics I is the first course in a three-year series of integrated math courses for high school. The integrated math series is an alternative to the traditional Algebra I – Geometry – Algebra II pathway, placing some Geometry in each year of instruction.

This full-year course formalizes and extends middle school mathematics, deepening students' understanding of linear relationships. The course begins with a review of relationships between quantities, building from unit conversion to a study of expressions, equations, and inequalities. Students contrast linear and exponential relationships, including a study of sequences, as well as applications such as growth and decay. Students review one-, two-, and multi-step equations, formally reasoning about each step using properties of equality. Students extend this reasoning to systems of linear equations. Students use descriptive statistics to analyze data before turning their attention to transformations and the relationship between algebra and geometry on the coordinate plane.

MATHEMATICS II EX

This full-year course begins with a brief exploration of radicals and polynomials before delving into quadratic expressions, equations, and functions, including a derivation of the quadratic formula. Students then embark on a deep study of the applications of probability and develop advanced reasoning skills with a study of similarity, congruence, and proofs of mathematical theorems. Students explore right triangles with an introduction to right-triangle trigonometry before turning their attention into the geometry of circles and making informal arguments to derive formulas for the volumes of various solids.

MATHEMATICS III EX

This full-year course synthesizes previous mathematical learning in four focused areas of instruction. First, students relate visual displays and summary statistics to various types of data and to probability distributions with a focus on drawing conclusions from the data. Then, students embark on an in-depth study of polynomial, rational, and radical functions, drawing on concepts of integers and number properties to understand polynomial operations and the combination of functions through operations. This section of instruction builds to the fundamental theorem of analysis. In the second half of the course, students create and analyze scatterplots and study two-way tables and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations and permutations, and sets.

TRIGONOMETRY* EX

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. Students extend their understanding to trigonometric graphs, including the effects of translations and the inverses of trigonometric functions. This leads to the laws of sines and cosines, followed by an in-depth exploration of trigonometric identities and applications. This course ends with an introduction to the polar coordinate system, complex numbers, and DeMoivre's theorem.

MATHEMATICAL MODELS WITH APPLICATIONS EX

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. Students expand prior mathematical knowledge and develop new knowledge and techniques through real-world application of useful mathematical concepts.

FINANCIAL MATH EX

This full-year course for high school students extends prior math concepts to financial and business contexts. Students will solve real-world problems, analyze data, and develop financial literacy and business modeling skills. They will learn about budgets, income, taxes, insurance, and investments, as well as how these may affect personal and business decisions. Students will also work with scenarios dealing with credit, retirement planning, and home and automobile ownership or leasing. Students will model and analyze scenarios related to these real-world financial concepts using ratios, proportions, and functions. They will make decisions related to these financial scenarios and use mathematics to justify their decisions. Students will apply mathematical practices and use technology as they complete tasks that require them to think critically, solve problems, and communicate their reasoning.

STATISTICS EX

This fourth-year high school math option provides a comprehensive introduction to data analysis and statistics. Students begin by reviewing familiar data displays through a more sophisticated lens before diving into an in-depth study of the normal curve. They then study and apply simple linear regression and explore sampling and experimentation. Next, students review probability concepts and begin a study of random variables. Later topics also include sampling distributions, estimating and testing claims about proportions and means, and inferences and confidence intervals.

CONCEPTS IN PROBABILITY AND STATISTICS EX

In this full-year course, students build a foundational understanding of probability and statistics through real-world applications and interactive learning. Topics include theoretical and experimental probability, probability distributions, sampling methods, data visualization, and measures of center and variability. Students analyze and interpret data using dot plots, histograms, box plots, and scatterplots, and apply probability concepts using tools such as Venn diagrams, simulations, and regression models. The course also covers normal distribution, standard deviation, and hypothesis testing to support informed decision-making. Through performance tasks and hands-on investigations, students learn to evaluate statistical claims and make predictions based on data.

This course does not meet the requirements for a fourth-year math course for college-bound students.

AP® CALCULUS AB

This college-level, full-year course prepares students for the Advanced Placement (AP) Calculus AB Exam. Major topics of study in this full-year course include a review of pre-calculus, limits, derivatives, definite integrals, 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 The course utilizes a multi-representative approach to calculus with concepts and problems expressed numerically, graphically, verbally, and analytically.

AP® STATISTICS

This full-year, college-level course is 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. These topics are organized into three big ideas: variation and distribution, patterns and uncertainty, data-based predictions, decisions, and conclusions.

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**Courses marked with an asterisk are one-semester courses.*

Science

Science courses include options for hands-on wet labs, as well as virtual labs. If schools choose to use the wet labs, lists of required materials can be found for each lab in the Help Center. These materials are not included in the courses. (Note that schools can also customize wet labs out of most courses and use the virtual labs instead. AP Biology does not have a virtual lab option.)

Courses marked EX are available in both EdgeEX and non-EdgeEX versions.

LIFE SCIENCE

Examining a broad spectrum of the biological sciences, Life Science is a full-year course for middle school students that builds on basic principles of scientific inquiry and translates those skills to more complex, overarching biological themes. The course includes units that help students understand the definitions, forms, and classifications of living organisms and learn to analyze the diversity of each unique group of living organisms. Other units introduce students to the structures and functions of cells, cell theory, and cell reproduction. These larger themes are then applied to other topics, such as genetics, Darwinian theory, and human biology and health. An introduction of ecology draws all of these concepts together to examine the interrelationships that help to maintain life on Earth.

EARTH SCIENCE

Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

EARTH AND SPACE SCIENCE EX

This year-long course explores the physical processes that shape Earth and extend outward into space, integrating geology, meteorology, climatology, astronomy, and environmental science. Students investigate rocks and minerals, surface processes, Earth's history, plate tectonics, water systems, and weather through hands-on labs and data analysis. The course also examines climate systems, natural resources, and human impacts on Earth, emphasizing sustainability and environmental decision-making. In the second semester, students expand their understanding beyond Earth to study the solar system, stars, galaxies, and the origin and future of the universe. Scientific models, real-world data, and laboratory investigations are used throughout to explain natural phenomena.

PHYSICAL SCIENCE EX

This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses. Hands-on wet lab options are also available.

BIOLOGY EX

This compelling full-year course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. It 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 EX

This rigorous full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes virtual laboratory experiments that encourage higher-order thinking, and applications. There is also a wet lab component for each of these labs. The components of this course include the composition and properties of matter, changes and interactions of matter, organic chemistry, and nuclear chemistry.

PHYSICS EX

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses.

ENVIRONMENTAL SCIENCE

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many 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.

AP® BIOLOGY

This full-year, college-level course is designed to prepare students for the Advanced Placement (AP) Biology exam. Units of study include Biochemistry, Cells, Enzymes and Metabolism, Cell Communication and Cell Cycle, Gene Expression, Evolution and Genetic Diversity, and Ecology. This course includes student guides and materials lists for required hands-on labs; these materials are not included in the course.

AP® ENVIRONMENTAL SCIENCE

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 completed virtually and via experiments that students can easily perform at home with common materials. The course is the equivalent of a one semester, college-level ecology course, which is taught over a full year in high school. The course encompasses human population dynamics, interrelationships in nature, energy flow, resources, environmental quality, human impact on environmental systems, and environmental law.

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Social Studies

Courses marked EX are available in both EdgeEX and non-EdgeEX versions.

MS ANCIENT WORLD HISTORY

This full-year 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. Throughout the course, students analyze maps and primary sources to identify patterns and make connections across time and space. Students are exposed to diverse cultures and learn to explore the past with historical empathy.

MS MODERN WORLD HISTORY

The Middle School Modern World History course presents a cohesive and comprehensive overview of world history from the Middle Ages to the modern era. This full-year course examines the role of conflict and cooperation in shaping the modern world. Students will draw upon and further develop historical inquiry skills as they examine the expansion of global economic, political, and social interactions and question the impact they had, and continue to have, on cultures and nations. Students will explore the lasting effects that revolutions in government and technology have had on peoples, nations, and the environment. Students apply historical inquiry skills to studies of civilizations from the Middle Ages to the modern era. Students study economies and the growth of more complex trade systems, the cultures of and conflicts among peoples and places, the development of political institutions, and the rise and fall of governments. In later lessons, students examine how changes in the arts, technology, and political systems have had a lasting influence on modern civilization. Throughout the course, students analyze maps and primary sources to identify patterns and make connections across time and space. Students are exposed to diverse cultures and explore the past with historical empathy. Students encounter rigorous reading and writing activities for a variety of purposes. These activities allow students to develop literacy and writing skills, as well as critical-thinking and communication skills.

MS SURVEY OF WORLD HISTORY

The year-long MS Survey of World History course provides a basic overview of all aspects of World History from the early River Valley civilizations through our modern world.

Students will gain a rich understanding of global cultures and the historical factors that have shaped the world around them. Throughout the course students analyze historical sources and make connections with concepts such as government, economic systems, and technology and innovation. Students encounter rigorous reading and writing activities to develop literacy and writing skills as well as critical thinking and communication skills. The course begins with units covering ancient civilizations in the regions of Mesopotamia, India, China, and Greece and Rome. Students learn what life was like in ancient times and how the empires rose and fell. Students move on to study the social and political changes that were brought about during the Renaissance and that spurred worldwide explorations. Revolutions, imperialism, and world wars follow with in-depth studies on how these events happened and their influence. As one century ends and the next begins, students study the Cold War as well as the political and economic changes across the globe. The course concludes with the issues facing our global society from environmental issues to the role technology plays in our everyday life.

MS U.S. HISTORY

Offering an interactive and comprehensive overview of American history, this course engages and inspires students to learn about the rich and diverse history of America's native peoples, early European colonization and settlement in America, and the creation of a new nation through the American Revolution. Middle school students enrolled in this course will closely examine

major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and consider the implications each of these events had on the expansion of the United States' global influence through modern times. Over the course of two semesters, interesting course content encourages students to think carefully about the challenges and opportunities facing the United States in the twenty-first century.

MS WORLD CULTURES & GEOGRAPHY

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. While studying humans around the world, students compare development, standards of living, systems of government, and economic factors across the globe. In addition, students gain a rich understanding of global cultures and the historical factors that have shaped the world around them. All units in the course are parallel and include studies in physical and human geography, ancient cultures, regional studies, and modern issues.

MS CIVICS, GOVERNMENT, & ECONOMICS

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. Engaging, interactive content introduces economic concepts and encourages students to explore government and economics on a global scale. By instilling a thorough understanding of government and economics, this course inspires students to investigate what it means to be an American citizen.

SURVEY OF WORLD HISTORY **EX**

This full-year course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history. At the end of the course, students conduct a rigorous study of modern history, allowing them to draw connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Throughout the course, students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events.

MODERN WORLD HISTORY **EX**

This full-year 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. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

SURVEY OF U.S. HISTORY **EX**

This full-year high school course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. 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 U.S.

history. In early units, students will assess the foundations of U.S. democracy while examining crucial documents. In later units, students will examine the effects of territorial expansion, the Civil War, and the rise of industrialization. They will also assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus their studies on the causes of cultural and political change in the modern age. Throughout the course, students will learn the importance of cultural diversity while examining history from different perspectives.

U.S. HISTORY I EX

U.S. History I is a full-year 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 shaped the nation of today. Students begin by exploring the colonization of the New World and examining the foundations of colonial society. As they study the early history of the United States, students will learn critical-thinking skills by examining the constitutional foundations of U.S. government. Recurring themes such as territorial expansion, the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction.

U.S. HISTORY II EX

U.S. History II is a full-year 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. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on our country's rise to global prominence. Students will also examine the influence of social and political movements on societal change and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and among multiple perspectives.

U.S. GOVERNMENT* EX

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. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

CIVICS AND CITIZENSHIP*

Civics and Citizenship is a one-semester elective appropriate for students in middle school and early high school. The course investigates events, concepts, and issues with a 360-degree view allowing multiple perspectives from various cultures and institutions to inform student learning. The course is divided into five units in which students will explore their civic roles, rights, and responsibilities; analyze the development of democracy in the United States; study the purposes and principles of the Constitution; investigate the role of power in decision-making; and discover ways to influence the government. The course provides opportunities to actively engage with the content through interactives, assignments, readings, short writings, projects, and discourse.

ECONOMICS EX

Available as either a semester or a full year, this 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.

Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

HUMAN GEOGRAPHY EX

Human Geography is a full-year high school level course that takes a thematic approach to the study of all aspects of the field of human geography, including: human-environment interaction, cultural, political, and economic geography, and globalization and the interconnectivity of the world's people and places. In this course, students will develop and apply skills related to mapping, data analysis, and problem solving.

AP® UNITED STATES GOVERNMENT AND POLITICS*

This one-semester college-level course is designed to prepare students for the AP United States Government and Politics exam. Students will study the Constitutional underpinnings and structure of the United States government, issues of politics and political parties, and topics in civil rights and public policy, demonstrating their understanding and acquisition of skills through written work, project-based activities, and practice exams.

AP® HUMAN GEOGRAPHY

Human Geography is a college-level course designed to prepare students for the AP Human Geography Exam. The goal of the course is to provide students with a geographic perspective through which to view the world. Through a combination of direct instruction, documentary videos, and online readings, students will explore geographic concepts, theories, and models; human environment interactions; and interactions among human systems. Topics covered include population, culture, political organization of space, agricultural land use, industrialization, and urban land use. Students will demonstrate their understanding and acquisition of skills through essays, document-based questions, student collaborative activities, and practice AP exams.

AP® PSYCHOLOGY

AP Psychology will introduce students to the systematic study of the behavior and mental processes of human means and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major fields within psychology. Students also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Psychology exam.

AP® UNITED STATES HISTORY

This course surveys the history of the United States from the settlement of the New World to modern times and prepares students for the AP United States 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® WORLD HISTORY: MODERN

This advanced study of world history explores historical themes common to societies around the world and across time periods, from 1200 to the present day. Emphasis is placed on document analysis, historical thinking skills, reasoning processes, and essay writing. Students will demonstrate their understanding and acquisition of skills through written work, document-based questions, project-based activities, and practice exams.

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**Courses marked with an asterisk are one-semester courses.*

Health and Physical Education

If a state-specific Health course is available, a district should use that course. Otherwise, districts should select either Contemporary Health or Healthy Living for high school, based on how they wish to cover the topics of sex and dating. For Physical Education, districts should offer either Lifetime Fitness (available as either one semester or a full year) or the two-year Physical Education sequence.

Health

CONTEMPORARY HEALTH

Available as either a semester or year-long course, this high-school health offering 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. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws.

This course covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics. For a more conservative approach to health education, the Healthy Living course is also available.

HEALTHY LIVING

Available as either a semester or year-long course, this high-school health offering 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. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws.

HEALTH QUEST*

This middle school Health course introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health. By the end of this course, students will be able to demonstrate an awareness of health as it applies to their bodies, minds, and environment; identify the components of a healthy lifestyle; set reasonable wellness goals; and apply health concepts across multiple contexts.

Physical Education

LIFETIME FITNESS

This course, available as either a semester or a full year, explores the components of physical fitness through hands-on training, health education, and personal goal-setting. Topics include the principles of exercise, flexibility, muscular and cardiorespiratory fitness, and injury prevention. Students also study the body's systems, biomechanics, nutrition, and stress management to support total wellness. Emphasis is placed on developing personalized fitness plans and understanding how sports and physical activity contribute to lifelong health. The course includes instruction in teamwork, sportsmanship, and inclusivity in athletics.

PHYSICAL EDUCATION I

This full-year high school course introduces students to the principles and benefits of lifelong fitness through active participation in individual and group physical activities. Students explore the components of physical fitness, including flexibility, strength, endurance, and body composition, while developing motor skills and safe exercise habits. Lessons incorporate nutrition, stress management, time

management, and goal setting to support personal wellness. Emphasis is placed on analyzing fitness data, applying exercise science concepts, and designing personalized fitness plans. Students also examine the impact of media, technology, and consumer choices on health behaviors. Leadership, sportsmanship, and effective communication are integrated throughout to encourage positive social interaction and personal growth.

This course requires students to make videos of themselves exercising in almost every lesson; these videos require teacher scoring. Schools that want a course with less teacher grading should use Lifetime Fitness or Foundations of Personal Wellness.

PHYSICAL EDUCATION II

This full-year high school course builds on foundational physical education concepts and emphasizes the development of lifelong fitness habits. Students refine their skills in a range of physical activities while exploring how exercise impacts body systems, flexibility, muscular strength, and endurance. The course includes injury prevention, nutrition, and mental wellness topics such as goal setting, stress management, and conflict resolution. Students learn to analyze fitness data, assess body composition, and adapt fitness plans to changing personal needs. Emphasis is placed on safe practices, inclusive participation, and informed decision-making about health and fitness services. The course concludes with students creating and evaluating personal fitness goals to support long-term wellness.

This course requires students to make videos of themselves exercising in almost every lesson; these videos require teacher scoring. Schools that want a course with less teacher grading should use Lifetime Fitness or Foundations of Personal Wellness.

Combined Health and Physical Education

FOUNDATIONS OF PERSONAL WELLNESS

This full-year high school course explores the interconnection between physical, mental, emotional, and social health while encouraging students to make informed choices that support lifelong wellness. Students learn about physical fitness, nutrition, personal safety, and body systems through practical strategies for maintaining and improving health. The course includes guidance on first aid, environmental safety, stress management, and injury prevention. Emphasis is placed on the development of fitness programs, setting goals, and refusal skills, alongside a study of mental health, relationships, and adolescent development. Students also examine the impact of substance use, communicable diseases, and public health practices on individual and community wellness.

This course contains content from both Healthy Living and Lifetime Fitness; to avoid duplication, students should take either those one-semester courses or this full-year course.

Exceptional Students

These courses feature supportive, scaffolded instruction for high school students who are three or more grade levels behind, and are priced separately by enrollment. Each course includes approximately 25 lessons, but they may be a full year of content for students with significant cognitive challenges.

Social Studies

U.S. HISTORY ESSENTIALS I* AND II*

Students will explore five pivotal eras in United States history: Reconstruction, Progressivism and Imperialism, World Wars, Movements for Civil Rights, and the Modern Era. They will gain a deeper understanding of how these themes have shaped the nation's past and continue to influence its present.

** Students will need to be enrolled separately in each semester course.*

WORLD HISTORY ESSENTIALS I* AND II*

Students will learn foundational world history concepts and skills as they examine the Renaissance, Enlightenment and the Scientific Revolution, Imperialism, International Conflict, and Globalization/Modern Issues. Focus skills include analyzing secondary and primary sources, interpreting charts, graphs, and maps, and writing short responses and essays.

** Students will need to be enrolled separately in each semester course.*

ECONOMICS ESSENTIALS*

Students will learn basic economic concepts, including economic systems, scarcity, and economic decision-making. Focus skills include interpreting supply and demand curves, determining opportunity costs, and interpreting charts and graphs.

PERSONAL FINANCE ESSENTIALS*

Students will develop life skills that are essential for managing their money effectively. They will learn how to create and use a budget, save for future goals, and make smart investment choices. Additionally, students will gain the ability to evaluate financial decisions and plan for their long-term financial well-being.

CIVICS AND GOVERNMENT ESSENTIALS*

Students will learn how important founding documents shaped the government of the United States. Important units of study include Introduction to Government, Foundation of U.S. Government, The U.S. Constitution, Branches of Government, and Civil Liberties. Focus skills include analyzing primary and secondary sources, interpreting charts and graphs, and interpreting Supreme Court cases.

Language Arts

READING & WRITING I*

Students will learn strategies for pre-reading and reading across fiction and nonfiction texts written at third- and fourth-grade reading levels. Focus skills include fiction elements like plot and setting, as well as nonfiction features like structure and details. Students will also learn critical vocabulary strategies.

READING & WRITING II*

Students will learn strategies for pre-reading and reading across fiction and nonfiction texts written at fourth- and fifth-grade reading levels. Focus skills include fiction elements like characterization and narrative, as well as nonfiction features like central ideas and arguments. Students will also learn critical vocabulary strategies and compose a narrative essay.

READING & WRITING III*

Students will learn strategies for pre-reading and reading across fiction and nonfiction texts written at fifth- and sixth-grade reading levels. Focus skills include fiction elements like conflict and theme, as well as nonfiction features like synthesizing ideas and evaluating media. Students will also learn critical vocabulary strategies and compose an essay analyzing poetry.

READING & WRITING IV*

Students will learn strategies for pre-reading and reading across fiction and nonfiction texts written at sixth- and seventh-grade reading levels. Focus skills include fiction elements like point of view and character development, as well as nonfiction features like questioning and drawing conclusions. Students will also learn critical vocabulary strategies and compose an argumentative essay.

Mathematics

BASIC MATH I*

Students will review whole-number operations, the relationships between operations, and the application of whole-number operations to real-world problems students will encounter in their lives as consumers and citizens.

BASIC MATH II*

Students will review elementary fraction and decimal concepts and procedures with a focus on comparisons and benchmarks. Students will review and apply fraction and decimal operations to an array of real-world problems.

BASIC ALGEBRA I* AND II*

Students will build on their knowledge of fractions and decimals as they explore ratios and rates and form the foundation for slope and linear relationships. They will also develop the concepts of variables and model real-world relationships with expressions and equations.

** Students will need to be enrolled separately in each semester course.*

BASIC GEOMETRY I* AND II*

Students will learn about important geometry concepts like angles, perimeter, area, surface area, scale drawings, and volume. They will gain a deep understanding of these through conceptual, procedural, and real-world applications. Students will engage in problem-solving activities that connect geometric principles to everyday situations, enhancing their analytical skills and practical knowledge.

** Students will need to be enrolled separately in each semester course.*

BASIC STATISTICS AND PROBABILITY*

Students will review the essentials of data analysis as they explore data representation through graphs and summaries, learn to compare and interpret various data sets, and apply statistical tools for in-depth analysis. The course also covers probability concepts and statistical inference to make informed predictions and decisions.

Science

LIFE SCIENCE ESSENTIALS I* AND II*

Students will explore concepts that are the foundation of the study of living organisms and their interactions with the environment. They will delve into topics such as cell biology, genetics, classification of living organisms, and human biology. Students will develop general scientific skills and practices as they engage in critical thinking and scientific inquiry.

** Students will need to be enrolled separately in each semester course.*

EARTH SCIENCE ESSENTIALS I* AND II*

Students will learn about the Earth's composition, delving into its layers and the rocks and minerals that form its structure. Students will also explore the significance of Earth's waters, including oceans, rivers, and lakes, and investigate how weather systems and climate affect our environment. Additionally, students will discover how the Earth interacts with other celestial bodies in the solar system.

***Students will need to be enrolled separately in each semester course.*

PHYSICAL SCIENCE ESSENTIALS I* AND II*

Students will learn fundamental concepts of physical science while developing strategies in general scientific skills and practices. Topics will include energy and motion, properties and applications of waves, structures of elements on the periodic table, physical and chemical reactions, and the properties of matter.

** Students will need to be enrolled separately in each semester course.*

Advanced Placement®

With the exception of Computer Science Principles, English Literature and Composition, Environmental Science, Human Geography, and Psychology, AP® courses require the purchase of specific textbooks. These textbooks are not included and can be purchased online or retail bookstores.

AP BIOLOGY

This full-year, college-level course is designed to prepare students for the Advanced Placement Biology exam. Units of study include Biochemistry, Cells, Enzymes and Metabolism, Cell Communication and Cell Cycle, Gene Expression, Evolution and Genetic Diversity, and Ecology.

This course includes student guides and materials lists for required hands-on labs; these materials are not included in the course.

AP CALCULUS AB

Major topics of study in this full-year course include a review of pre-calculus, limits, derivatives, definite integrals, 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. The course utilizes a multi-representative approach to calculus with concepts and problems expressed numerically, graphically, verbally, and analytically.

AP COMPUTER SCIENCE PRINCIPLES

This course introduces students to a broad set of big ideas: creative development, data, algorithms and programming, computing systems and networks, and the impact of computing. Additionally, this course emphasizes the use of computational thinking practices for effective learning experiences and problem solving. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Required Materials

- Activities in this course require Python or the Python Anywhere app (Chromebook), the Pythonista app (iPad), or similar (e.g., PyScript)

AP ENGLISH LANGUAGE & COMPOSITION

In this introductory college-level course, students advance their understanding of rhetoric and writing through the reading, analyzing, and writing of rhetorical texts. Throughout the course, students explore the basic tenets of writing and argumentation, such as rhetorical situation, claims and evidence, reasoning and organization, and style. Students will read and analyze a variety of nonfiction genres, including essays, journalism articles, political writings, science writings, nature writings, autobiographies, biographies, diaries, speeches, history writings, and criticisms from multiple perspectives and backgrounds. The primary focus is on writing evidence-based analytical, synthesis, and argumentative essays and analyzing the rhetorical choices of a wide range of nonfiction writers. In addition to explicit instruction and a variety of independent and collaborative learning opportunities, the course offers specific exam preparation lessons and practice.

AP ENGLISH LITERATURE & COMPOSITION

In this introductory college-level course, students develop the fundamentals of literary analysis and introductory college compositions. The course focuses on analyzing, evaluating, and interpreting literary fiction, poetry, and drama from a range of literary periods, authors, and perspectives. The diverse canon allows students to explore the function of character, setting, structure, narrator, and figurative language. Through a wide range of instruction and collaborative writing activities, students articulate their interpretation of literature through writing. The course includes exam preparation and practice that anticipates common student misconceptions.

AP ENVIRONMENTAL SCIENCE

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 completed virtually and via experiments that students can easily perform at home with common materials. The course is intended to be the equivalent of a one-semester, college-level ecology course, which is taught over a full year in high school. The course encompasses human population dynamics, interrelationships in nature, energy flow, resources, environmental quality, human impact on environmental systems, and environmental law.

AP HUMAN GEOGRAPHY

This course provides students with a geographic perspective through which to view the world. Through a combination of direct instruction, documentary videos, and online readings, students will explore geographic concepts, theories, and models; human-environment interactions; and interactions among human systems. Topics covered include population, culture, political organization of space, agricultural land use, industrialization, and urban land use. Students will demonstrate their understanding and acquisition of skills through essays, document-based questions, student collaborative activities, and practice exams.

AP PSYCHOLOGY

AP Psychology will introduce students to the systematic study of the behavior and mental processes of human means and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major fields within psychology. Students also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Psychology exam.

AP STATISTICS

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, data-based predictions, decisions, and conclusions.

AP UNITED STATES GOVERNMENT AND POLITICS*

In this one-semester college-level course, students will study the Constitutional underpinnings and structure of the United States government, issues of politics and political parties, and topics in civil rights and public policy, demonstrating their understanding and acquisition of skills through written work, project-based activities, and practice exams.

AP UNITED STATES HISTORY

This course surveys the history of the United States from the settlement of the New World to modern times. 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 WORLD HISTORY: MODERN

This advanced study of world history explores historical themes common to societies around the world and across time periods, from 1200 to the present day. Emphasis is placed on document analysis, historical thinking skills, reasoning processes, and essay writing. Students will demonstrate their understanding and acquisition of skills through written work, document-based questions, project-based activities, and practice exams.

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**Courses marked with an asterisk are one-semester courses.*

General Electives

ART APPRECIATION

This full-year course offers a broad exploration of visual art through cultural, historical, and technical lenses. Students investigate how art functions in politics, commemoration, religion, and self-expression across global civilizations. Emphasis is placed on analyzing elements and principles of design, refining critique skills, and interpreting meaning through symbolism and context. Students study diverse media including drawing, painting, sculpture, ceramics, and architecture, alongside major art movements such as Renaissance, Impressionism, and Modernism.

This course contains content from both Art History and Visual Arts; to avoid duplication, students should take either those one-semester courses or this full-year course.

ART HISTORY*

This one-semester course explores the evolution of artistic expression from prehistoric cave paintings to modern art movements. Students examine how art reflects the cultural, political, religious, and social contexts of civilizations across time and geography. Major topics include classical antiquity, medieval and Renaissance developments, global contributions from Africa to the Pacific, and artistic revolutions of the 18th to 20th centuries. Through analysis of key works, artists, and movements, students learn to interpret symbolism, style, and technique.

VISUAL ARTS*

This one-semester course introduces students to the foundations and functions of visual art through hands-on exploration and critical analysis. Students investigate the elements and principles of design, experiment with various media and techniques, and analyze the purpose and message behind art from diverse cultural and historical perspectives. Emphasis is placed on personal creativity, visual communication, and technical development in drawing, painting, printmaking, sculpture, digital imagery, and architecture. Students also study how art reflects political, religious, and social ideas while developing skills in critique and visual literacy.

COMPUTER APPLICATIONS – OFFICE 2019/OFFICE 365

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 skill demonstrations, and numerous hands-on practice assignments, students learn to develop, edit and share Office 2019 documents for both personal and professional use. By the end of this course, students will have developed basic proficiency in the most common tools and features of the Microsoft Office suite of applications: Word®, Excel®, PowerPoint®, and Outlook®. *Note: This course includes examples from both Office 2019 and Office 365®.*

Required Materials

- Students must have access to MS Office or Office 365, including Excel, Outlook, PowerPoint, and Word

DIGITAL LITERACY*

This semester-long elective provides a foundation to understanding key applications, computing fundamentals, and online living. This course focuses on describing technology basics including finger placement on the keyboard and the differences between hardware and software. Students describe the functions of operating systems and their utilities, identify computer networks, how they work, and computer and internet safety. Students identify different communications industries and how to use email, Microsoft Word®, PowerPoint®, and Outlook®, describe how to create spreadsheets, enter data, create graphs, and use formulas and shortcuts in spreadsheets. Additionally, students will identify the functions of PowerPoint®, digital media, intellectual property law, workplace crimes, privacy concerns, digital citizenship, and how to stay safe on social media.

Required Materials

- Students must have access to MS Office or Office 365, including Excel, Outlook, PowerPoint, and Word

INTRODUCTION TO COMPUTER SCIENCE

Introduction to Computer Science is a year-long high school course that introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Students have creative, hands-on learning opportunities to create a computer program, a web page, design a mobile app, write algorithms, and collaborate with peers while building a strong foundational knowledge base. This course provides a solid foundation for more advanced study as well as practical skills they can use immediately.

Required Materials

- Activities in this course require Python or the Python Anywhere app (Chromebook), the Pythonista app (iPad), or similar (e.g., PyScript)

KEYBOARDING AND APPLICATIONS*

This one-semester course that teaches keyboarding skills, technical skills, effective communication skills, and productive work habits. Students learn proper keyboarding techniques. Once students have been introduced to keyboarding skills, lessons include daily practice of those skills. Students gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, students apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations.

Required Materials

- Word-processing software (e.g., MS Word)
- Presentation software (e.g., MS PowerPoint)

MIDDLE SCHOOL COMPUTER SCIENCE

Middle School Computer Science is a full-year course designed to introduce students in grades 6-8 to computer science as a vehicle for problem solving, communication, and personal expression. This course focuses on the visible aspects of computing and computer science centering on the immediately observable and personally applicable elements of computer science while also asking students to look outward and explore the impact of computer science on society. Students will explore the design process with creative, hands-on learning opportunities to create programs and collaborate with peers while learning specific aspects of computer science including problem solving, programming, physical computing, user-centered design, and data.

Required Materials

- Access to the Microsoft Office suite or similar product line
- Python or the Python Anywhere app (Chromebook), the Pythonista app (iPad), or similar (e.g., PyScript)
- Recommended for devices running Windows 10 or higher or MacOS

ETHNIC STUDIES* EX

This course introduces students to the study of societies and cultures, with an emphasis on understanding how historical, social, political, and economic factors shape human experiences. By examining the histories of race, ethnicity, nationality, and culture, students will gain insight into how these concepts influence individuals and communities in the United States and around the world. The course encourages students to develop respect for diverse perspectives and to recognize the ways in which cultural traditions and historical experiences contribute to our shared society.

This course deals with sensitive issues of race and identity and is not available in all states.

PERSONAL FINANCE*

This one-semester introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course, students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.

ONLINE LEARNING AND DIGITAL CITIZENSHIP*

This one-semester course provides students with a comprehensive introduction to online learning, including how to work independently, stay safe, and develop effective study habits in virtual learning environments. Featuring direct-instruction videos, interactive tasks,

authentic projects, and rigorous assessments, the course prepares students for high school by providing in-depth instruction and practice in important study skills such as time management, effective note-taking, test preparation, and collaborating effectively online. By the end of the course, students will understand what it takes to be successful online learners and responsible digital citizens.

STRATEGIES FOR ACADEMIC SUCCESS*

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school and middle school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

**Courses marked with an asterisk are one-semester courses.*

World Languages

Courses marked EX are available in both EdgeEX and non-EdgeEX versions.

SPANISH 1

Middle school students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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.

SPANISH 2

Students in middle school continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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.

FRENCH 1

Students in middle school begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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.

FRENCH 2

Middle school students continue their introduction to French with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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.

GERMAN 1

Middle school students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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 German-speaking areas.

GERMAN 2

Students continue their introduction to middle school German with this second-year course by covering fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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 German-speaking areas.

CHINESE 1

In this middle school course, students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit 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 Chinese-speaking countries.

CHINESE 2

Middle school students continue their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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 Chinese-speaking countries.

LATIN 1

Students in middle school begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations.

LATIN 2

Middle school students continue their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations.

SPANISH I EX

High school students begin their study of Spanish language and culture with fundamental building blocks in four key areas: listening, speaking, reading, and writing. Each lesson includes activities focused on vocabulary and pronunciation, grammar, reading and writing, and listening and speaking. The course also includes video and text presentations covering people, places, and events in Spanish-speaking areas across the globe.

SPANISH II EX

High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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, cultural presentations covering major Spanish-speaking areas across the globe.

SPANISH III EX

In this expanding engagement with Spanish, students deepen their focus on four key skills in foreign language acquisition: listening, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit 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 across the globe.

FRENCH I EX

High school students begin their study of French language and culture with fundamental building blocks in four key areas: listening, speaking, reading, and writing. Each lesson includes activities focused on vocabulary and pronunciation, grammar, reading and writing, and listening and speaking. The course also includes video and text presentations covering people, places, and events in French-speaking areas across the globe.

FRENCH II EX

Students continue their introduction to French in this second-year, high school language course with review of fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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, cultural presentations covering major French-speaking areas across the globe.

FRENCH III EX

In this expanding engagement with French, students deepen their focus on four key skills in foreign language acquisition: listening, speaking, reading, and writing. In addition, students read significant works of literature in French and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit 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 French-speaking areas across the globe.

GERMAN I

High school students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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 cultural presentations covering major German-speaking areas across the globe.

GERMAN II

Students continue their introduction to high school German in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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 cultural presentations covering major German-speaking areas across the globe.

CHINESE I

High school students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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 Chinese-speaking countries.

CHINESE II

Students in high school continue their introduction to Chinese in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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 Chinese-speaking countries.

LATIN I

High school students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit 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, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.

LATIN II

Students continue their introduction to high school Latin by continuing to cover the fundamental building blocks in four key areas of foreign language study: listening, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, a notable ancient myth in Latin, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.

Career and Technical Education

AGRIBUSINESS SYSTEMS*

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. Students learn about the components of the agribusiness system and how they interact to deliver food to our tables. They also learn about the key elements of a successful agribusiness enterprise: economics, financial management, marketing and sales, and government policies and regulations.

ANIMAL SYSTEMS*

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. The course reviews current topics, such as advancements in technology and research, and defines areas of discussion while maintaining focus on best-management practices. A student might use the knowledge gained from the course to further an interest in becoming a chef, researcher, doctor, wildlife-management professional, or any number of applicable careers.

BANKING SERVICES CAREERS*

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. The banking industry is responsible for many of the products that we use on a daily basis, from checking and savings accounts to debit cards, credit cards, and loans.

BUSINESS COMPUTER INFORMATION SYSTEMS

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. Note: Students may use MS Office, Google Workspace, or any comparable software to complete the activities in this course.

BUSINESS ENGLISH

Business English is a year-long course where students will use technology to develop research, organization, and written and oral communication skills as they relate to a business setting. Students will learn how to communicate appropriately by investigating nonverbal and verbal communication as it applies in the workplace. These skills will help prepare students for careers or employment within Business Administration and Management career pathways such as business management, administrative services, medical administration, and office management.

BUSINESS INFORMATION MANAGEMENT

In Business Information Management, students will develop skills needed to successfully manage information in business organizations. This course teaches them the basics of information technology, personal and interpersonal skills, word processing, using databases and creating professional presentations. Students who complete the course will be able to use these skills as they transition to postsecondary education or the workforce.

BUSINESS LAW*

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. Laws that affect how a business is regulated are reviewed, particularly the impact of administrative rules and regulations on a business. Global commerce and international agreements, treaties, organizations, and courts are discussed to get a better sense of what it means to "go global" with a business.

CAREER EXPLORATIONS

This course prepares middle or high school students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skill demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development.

CAREER EXPLORATIONS I*

Career Explorations I is a semester-long course designed to give middle school students an opportunity to explore careers involving human-related services. Each of the five units introduce one particular field and explains its past, present, and future. These units include Career Management, Introduction to Careers in Health Sciences, Hospitality and Tourism Systems, Human Services, and Consumer Services. The goal is to whet students' appetites for these careers. Students can then explore a specific career path in more detail in high school.

CAREER EXPLORATIONS II*

Career Explorations II is a semester-long course designed to give middle school students an opportunity to explore various technical fields from computers to agriculture. Each of the five units introduces one particular field and explains its past, present, and future. These 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). The goal is to whet students' appetites for these careers. Students can then explore a specific career path in more detail in high school.

CAREER EXPLORATIONS III*

Career Explorations III is a semester-long course designed to give middle school students an opportunity to explore various CTE subjects. Each of the five units introduces one particular field and explains its past, present, and future. These 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. The goal is to whet students' appetites for these careers. Students can then explore a specific career path in more detail in high school.

CAREERS IN ALLIED HEALTH*

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. Within each job type, students explore important aspects applicable to the entire field of allied health, such as behaving ethically, working as a team, keeping patients safe and free from infections and germs, honoring diverse needs of diverse patients, and following laws and policies.

CAREERS IN LOGISTICS PLANNING AND MANAGEMENT SERVICES*

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. There is something for every career-seeker, ability, and experience level. The objectives of this course are to introduce the student to the field of logistics planning and management and to explain the career opportunities that are available in this field.

CAREERS IN MARKETING RESEARCH*

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. This course concludes with the execution, interpretation, and presentation of marketing research.

CAREER MANAGEMENT*

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. Students complete activities that help identify personal interests, aptitudes, and learning styles. Students use results of self-assessments to determine careers that may prove personally satisfying.

CAREER PLANNING & DEVELOPMENT

Introducing high school students to the working world, this year-long 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 the 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. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

COMPUTER SCIENCE PRINCIPLES

This course is available as both an elective and a CTE course. Students will explore the foundations of computer science using videos, hands-on activities, programming, investigations, and projects. They will experience much of what computer programmers do in planning, developing, testing, and refining software. Security is a key topic, and students will learn techniques for recognizing and guarding against security threats. Every unit has two to three projects, giving students the opportunity not only to write programs, but also to develop security policies, analyze real-world data, solve network problems, plan a mobile app, and more. Interwoven throughout the course are spotlights on a wide variety of careers and roles in computer science.

Required Materials

- Activities in this course require Python or the Python Anywhere app (Chromebook), the Pythonista app (iPad), or similar (e.g., PyScript)

CONSTRUCTION CAREERS*

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. Safety practices are emphasized in several lessons because construction is one of the most dangerous industries; students learn that there is no way to be successful in construction without taking such issues seriously. Lessons in this course also explore regulatory agencies and guidelines established for protecting not only construction workers but also the occupants of a building.

CORRECTIONS: POLICIES AND PROCEDURES*

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. Corrections: Policies and Procedures gives high school students an introductory, yet thorough view of many aspects of corrections operations and legal background information as they study how prisons and prisoners have evolved into correctional facilities and programs for offenders. In this semester-long course duties, responsibilities, conduct, training, and special certification possibilities for corrections staff are explored. Many aspects of procedures in corrections are

reviewed, giving students an in-depth look at what a variety of careers in this growing field encompass and require.

ENGINEERING AND DESIGN*

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. Students identify how engineering and design have a direct impact on the sustainability of our environment and the greening of our economy. Finally, students incorporate the engineering design process, environmental life cycle, and green engineering principles to create a decision matrix to learn how to solve environmental issues.

ENGINEERING AND PRODUCT DEVELOPMENT*

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. The course begins with building an understanding of the product life cycle, from the initial idea to drafting requirements to using 3-D modeling tools and other design tools. The final unit focuses on assembling the pieces within a project plan to achieve a product and evaluating the plans for a successful product launch. In addition, the course provides information about the different careers available to students interested in engineering, product development, and project management.

FAMILY AND COMMUNITY SERVICES*

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. Students develop the abilities necessary to evaluate and identify a range of effective communication strategies and skills for establishing a collaborative relationship with others. Students also complete a variety of projects to apply their skills and knowledge. Units are divided among career fields: Social Workers, Emergency Management and Planners, Therapists and Treatment Specialists, Education and Childcare.

FIRE AND EMERGENCY SERVICES*

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. Students gain an understanding of the goals of an emergency-management service and how they are implemented and managed, including personnel, budget, and labor-management challenges in the organization. Various preparedness plans are discussed as students explore typical characteristics and frameworks of modern emergency- and fire-management organizations.

FOOD PRODUCTS & PROCESSING SYSTEMS*

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. Students study specifics in a wide spectrum of food product topics, from early methods of preservation to technological advancements in packaging, regulations in labeling, and marketing trends. Students learn industry terminology in each area of the overall system, from “farm to fork” to vertical integration to smart packaging.

FOOD SAFETY AND SANITATION*

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. After successful completion of this course, students are prepared to meet the requirements of state and national certification exams.

FORENSICS: USING SCIENCE TO SOLVE A MYSTERY*

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 the course of a very large murder case. The focus of this course is to assist students in making career choices. The overview of careers includes job descriptions and availability, educational and training requirements, licensing and certification, and typical annual salaries. Students who take this class will become equipped to make more informed career choices regarding the forensic, computer science and medical science fields. At the same time, students will survey the history and scope of present-day forensic science work.

FUNDAMENTALS OF COMPUTER SYSTEMS*

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. Students learn details about the different elements of computers and computer systems, how to identify hardware devices and their functions, the role of operating systems as well as how to install and customize Windows operating system. Students also learn about networking and the Internet, security issues, and current software applications, such as Microsoft® Office. In addition, students learn specifics about maintaining and troubleshooting computers, including managing files, backing up systems, and using the administrative tools in Windows operating system. Lastly, students learn the basics of customer service and working as a help desk support technician.

FUNDAMENTALS OF DIGITAL MEDIA*

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. Students learn about the tools used as well as best practices employed for creating digital media. In the course, students explore topics such as the use of social media, digital media in advertising, digital media on the World Wide Web, digital media in business, gaming and simulations, e-commerce, and digital music and movies. Students also review the ethics and laws that impact digital media use or creation.

FUNDAMENTALS OF PROGRAMMING AND SOFTWARE DEVELOPMENT*

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.

Students learn the function of key program techniques including if statements, looping, and arrays, as well as web development using HTML and drag-and-drop development of user interfaces in an integrated development environment. Students explore the software development life cycle and different variations used to create software.

Required Materials

- Activities in this course require that the Java Software Development Kit (SDK) and the NetBeans Integrated Development Environment (IDE) is installed on students' computers. Instructions are included in the Unit 1 lesson titled "Introduction to Java Programming."

HEALTH, SAFETY, AND ETHICS IN THE HEALTH ENVIRONMENT*

Health, Safety, and Ethics in the Health Environment 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. Students participate in project- and problem-based healthcare practices and procedures to demonstrate the criticality of these knowledge and skills. Students develop basic technical skills required for all health career specialties including understanding occupational safety techniques and obtaining their CPR and First Aid certifications.

HEALTH SCIENCE CONCEPTS

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 learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

INTRODUCTION TO BUSINESS

In this two-semester introductory course, students 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. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

INTRODUCTION TO CAREERS IN ARCHITECTURE AND CONSTRUCTION*

The goal of this semester-long high school course is to provide students with an overview of careers in architecture and construction in order 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). The Architecture and Construction career cluster is defined as careers in building, designing, managing, maintaining, and planning the built environment. The built environment encompasses all zones of human activity—from natural conservation areas with minimal human intervention to highly dense areas with tall skyscrapers and intricate highway systems to suburban cul-de-sacs. The interrelated components that make up the built environment are as varied and unique as the professionals who help shape it.

INTRODUCTION TO CAREERS IN ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

This introductory semester-long high school course provides comprehensive information on five separate areas of arts and communications as potential educational and career pathways, including: audio/video technology and film, performing arts, visual arts, printing technology, journalism and broadcasting, and telecommunication systems. Students who are interested in careers across a broad spectrum of professional positions, including fine artist, telecommunications administrator, magazine editor, broadcast journalist, or computer graphic artist, will gain useful perspective on industry terminology, technology, work environment, job outlook, and guiding principles.

INTRODUCTION TO CAREERS IN EDUCATION AND TRAINING*

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. Students learn about the evolution of the modern educational system in the United States, and the policies and laws that govern educational institutions. They also discover the similarities and differences between the ethical and legal obligations of working with adults versus working with children.

INTRODUCTION TO CAREERS IN FINANCE*

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 AND PUBLIC ADMINISTRATION*

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. Students learn about politics in the United States and the electoral process, political attitudes and opinions, and American political parties. Students explore the structure of U.S. federal governmental institutions, the nature of bureaucracy, and the functions of the three branches of government. Students also learn about policy making in American government, including discussions of foreign and defense policies.

INTRODUCTION TO COMPUTER SCIENCE

This course is available as both an elective and a CTE course. Introduction to Computer Science is a year-long high school course that introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Students have creative, hands-on learning opportunities to create a computer program, a web page, design a mobile app, write algorithms, and collaborate with peers while building a strong foundational knowledge base. This course provides a solid foundation for more advanced study as well as practical skills they can use immediately.

Required Materials

- Activities in this course require Python or the Python Anywhere app (Chromebook), the Pythonista app (iPad), or similar (e.g., PyScript)

INTRODUCTION TO HUMAN GROWTH AND DEVELOPMENT*

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. The course provides a background in human growth and development from before birth, through childhood, into adulthood, and through death and grief. It gives the student perspective and highlights where people in the caring professions are most needed. Students who take this course will come away with a broad understanding of all the careers that help people from birth to death.

INTRODUCTION TO CAREERS IN THE HEALTH SCIENCES*

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. Upon completion of the course, students are able to discuss the potential career choices and have an understanding of basic concepts that apply to these different choices such as science and technology in human health, disease, privacy, ethics and safety. Essential skill development, such as communication and teamwork, are also addressed.

INTRODUCTION TO CAREERS IN TRANSPORTATION, DISTRIBUTION, AND LOGISTICS*

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. Students learn how warehousing,

inventory, and other associated businesses impact the economy, which includes the advantages and disadvantages of automation on employment. Students examine the fields that serve to support and manage transportation systems. Lastly, the role of technology and technological development on transportation-related businesses is addressed.

INTRODUCTION TO CONSUMER SERVICES*

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. Social issues and advocacy, as well as ethics and legalities, are a recurring theme. Students gain knowledge of current issues affecting various consumer services professions, and the impact of local, state, national and global issues on consumer services.

INTRODUCTION TO HEALTH SCIENCE

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. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the health care field.

INTRODUCTION TO HUMAN SERVICES*

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. Students also learn ethics and philosophies of the helping professions. The history of the profession, as well as the impact of the cultural, social, and economic environment on individual people, especially those who need social services assistance, is also explored.

INTRODUCTION TO INFORMATION TECHNOLOGY

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. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

INTRODUCTION TO INFORMATION TECHNOLOGY SUPPORT AND SERVICES*

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. Students analyze technical support needs to perform customer service and configuration management activities. Students also evaluate application software packages and emerging software. Students demonstrate and apply knowledge of IT analysis and design by initiating a system project and evaluating applications within the IT system.

INTRODUCTION TO LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY*

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. Students also learn how these careers are affected by and affect local, state, and federal laws. Finally, students examine the relationships between professionals in these fields and how collaborations between professionals in these careers help to create a safer, more stable society.

INTRODUCTION TO NETWORK SYSTEMS*

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. The course explores the software and hardware supporting LANs, WANs, and Wi-Fi networks. Students are introduced to the protocols in the TCP/IP stack that are used to communicate across a network, and to networking hardware, including hubs, switches, bridges, routers, and transmission media. Students explore questions of security, network management, and network operating systems.

INTRODUCTION TO STEM*

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. Students are introduced to the history, fundamental principles, applications, processes, and concepts of STEM. Students are exposed to several computer applications used to analyze and present technical or scientific information. Finally, students explore the kinds of strategies frequently used to solve problems in these disciplines. Throughout the course, students discover their strengths through practical applications and awareness of the various STEM careers.

KEYBOARDING AND APPLICATIONS*

Keyboarding and Applications is a semester-long course that teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. Students learn proper keyboarding techniques. Once students have been introduced to keyboarding skills, lessons include daily practice of those skills. Students gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, students apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations.

Required Materials

- Word-processing software (e.g., MS Word)
- Presentation software (e.g., MS PowerPoint)

LAW ENFORCEMENT FIELD SERVICES*

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.

Students learn about the evolution of the role of law enforcement in the United States including key changes affecting law enforcement. Students learn about the interaction between local, county, state, and federal law enforcement agencies. Finally, students learn about the types of crime that are commonly committed and the procedures, evidence collection techniques, and technological advances that law enforcement personnel use to investigate crimes.

LEGAL SERVICES*

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. Students learn about the courtroom and the basics of a typical court case. Students explore constitutional rights and legal safeguards, types of evidence, as well as how technology has changed the practice of law. They also learn about legal education and various careers in the legal field.

MEDICAL TERMINOLOGY

This full-year course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the health care field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

MARKETING AND SALES FOR TOURISM AND HOSPITALITY*

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. Students have an opportunity to explore this multi-faceted world, identifying multiple career paths and opportunities.

NETWORK SYSTEM DESIGN*

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. Students learn the basics of network design, including how to identify network requirements and determine proper network architecture. Students are introduced to network models. Students also learn about internet protocol and the basics of routing data on a network. Students learn about network security issues and network management. Lastly, students learn about network operating systems and their role in connecting computers and facilitating communications.

NEW APPLICATIONS: WEB DEVELOPMENT IN THE 21ST CENTURY*

New Applications is a 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. The goal of the course is to provide the learner insight into the rapidly evolving universe of programming and application development to support informed career decisions in an industry that is changing as quickly as it is growing.

NURSING ASSISTANT

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and medical 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 and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course in conjunction with other applicable requirements from an approved program prepares the student for state certification for employment as a Certified Nursing Assistant (CNA).

NURSING: UNLIMITED POSSIBILITIES AND UNLIMITED POTENTIAL*

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. In this semester-long course, students have several opportunities to learn about the expanding scope of professional practice for registered nurses and better understand the important changes proposed in the education and ongoing professional development of nurses.

PERSONAL CARE SERVICES*

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). The semester-long course teaches students about what each career entails and the education and training they need to become credentialed in various career specialties. In addition, about half of the course is devoted to teaching knowledge associated with the various professions, so that students can get a feel for what they should learn and whether they would like to learn it.

PHARMACY TECHNICIAN

This two-semester course prepares students for employment as a Certified Pharmacy Technician (CPhT) and covers the skills needed for 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, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills. Successful completion of this course prepares the student for national certification for employment as a CPhT.

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

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.). Students choose their career path by studying different roles, responsibilities, settings, education needs, and amounts of patient contact. Degree and training requirements, working environment, salaries, and the day in the life of that career is also covered in this course. Students explore important aspects that are applicable to the entire health field, such as behaving ethically, keeping patients safe and free from infections and germs, and following laws and policies.

PLANNING MEETINGS AND SPECIAL EVENTS*

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. It's not all fun and parties because a meeting coordinator is responsible for every detail of an event. Planners must know how to communicate, be empathetic, and think of their clients. It's crucial to remember that in some instances the event will be a once-in-a-lifetime occasion, so it's important to get it right.

PLANT SYSTEMS*

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. Students learn the basic parts of a plant, how plants are scientifically classified, and how they interact with water, air, nutrients, and light to undergo the processes of photosynthesis and respiration. Plant reproduction, including pollination, germination, and dispersal of seeds, is also presented. The course concludes by looking at careers in the plant sciences which includes agronomy, horticulture, or landscape design.

POWER, STRUCTURAL, AND TECHNICAL SYSTEMS*

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. Students are given the opportunity to explore agriculture machinery, as well as structures and technological concepts. They also learn about the historical changes in agriculture and how agriculture has changed to meet the needs of the future world population. Students are introduced to machinery, structures, biotechnology, and ethical and professional standards applicable to agriculture power.

PUBLIC HEALTH: DISCOVERING THE BIG PICTURE IN HEALTH CARE*

This semester-long high school course 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. Students explore the history, nature and context of the public health system. Students also learn how to promote public health, and how to coordinate a response to a public health emergency. Students explore how diseases spread and learn about the roles of the Centers for Disease Control and the World Health Organization. By entering the field of public health, students play an integral part in improving the health and lives of many people.

SCIENCE AND MATHEMATICS IN THE REAL WORLD*

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. This course exposes students to a wide variety of STEM applications and to real world problems from the natural sciences, technology fields, the world of sports, and emphasizes the diversity of STEM career paths. The importance of math, critical thinking, and mastering scientific and technological skill sets is highlighted throughout. Challenging and enjoyable activities provide multiple opportunities to develop critical thinking skills and the application of the scientific method, and to work on real world problems using STEM approaches.

SECURITY AND PROTECTIVE SERVICES*

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. The course begins with an introduction to the history of private security, with subsequent units focusing on a specific sector. The concluding unit focuses on the emerging challenges facing security services in the twenty-first century, including international terrorism. In addition, the course provides information about many different careers that are available to students who are interested in security and protective services.

SMALL BUSINESS ENTREPRENEURSHIP

This full-year 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. Students become familiar with the traits and characteristics that are found in successful entrepreneurs, and see how research, planning, operations, and regulations can affect small businesses. Students also learn how to develop plans for having effective business management, financing and marketing strategies.

SOFTWARE DEVELOPMENT TOOLS*

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. Students apply IT-based strategies and develop a project plan to solve specific problems and define and analyze system and software requirements.

SCIENTIFIC DISCOVERY AND DEVELOPMENT*

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. This course covers the three major areas in bioresearch: biotechnology, nanotechnology, and pharmaceutical research and development. More than two dozen career fields are explored along the way including laboratory techs, phlebotomists, and pathologist assistants. Students

learn what is necessary in the areas of education and credentialing with an idea of the job outlook and salaries.

SCIENTIFIC RESEARCH*

This semester-long high school course provides 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. Knowing the practical, everyday basics of scientific thinking and laboratory activity serves as a necessary first step to a career as a technician or a lab assistant. While these jobs are hands-on and technical, the intellectual and historical background covered in the course provides an awareness that is essential to working in such an atmosphere.

STEM AND PROBLEM SOLVING*

This semester-long high school course 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. This problem-solving course stresses analytic skills to properly format problem statements, use of the scientific method to investigate problems, the use of quantitative and qualitative approaches to construct tests, and an introduction to reviewing and interpreting statistical information.

SUSTAINABLE SERVICE MANAGEMENT FOR HOSPITALITY AND TOURISM*

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. After successful completion of this course, students understand and are able to explain the fundamentals of sustainability in the hospitality industry.

TEACHING AND TRAINING CAREERS*

Teaching and 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. In five units of study, lessons, and projects, students engage with the material through in-depth exploration and hands-on learning, to prepare them for teaching and training careers. Students are given many opportunities to be the teacher or trainer, and to explore the tasks, requirements, teaching strategies, and research-based methods that are effective and high-quality.

TECHNOLOGY AND 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.

THERAPEUTICS: THE ART OF RESTORING AND MAINTAINING WELLNESS*

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, dieticians and dietetic technicians, art therapists, neurotherapists, vocational rehabilitation counselors, and registered dental hygienists. Each career is explored in depth, examining typical job duties, educational and licensure requirements, working conditions, average salary, and job outlook. Key concepts and specific skill sets are introduced in the lessons, allowing students to apply what they have learned to health careers. This course is important because skilled health care workers are in high demand and expected to remain so for the foreseeable future.

TRANSPORTATION AND TOURS FOR THE TRAVELER*

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. Finally, students learn about how technology, world events, and increased environmental awareness are affecting the travel industry today. Students focus on the different components that go into creating a tour to get a sense of what working for a tour operator entails as well as what other careers are available in the tour industry.

**Courses marked with an asterisk are one-semester courses.*

Test Preparation

VIRTUAL TUTOR: ACCUPLACER®

This course reviews the concepts and skills essential for college readiness as measured by the Next Generation ACCUPLACER® post-secondary placement exam. In this course, students complete a diagnostic pretest for each set of skills that assesses specific areas of strength and weakness. Based on the assessment results, the student receives a personalized learning plan, providing the most efficient and effective preparation possible.

VIRTUAL TUTOR: ACT WORKKEYS®

This course prepares students for the WorkKeys assessments in Applied Math, Graphic Literacy, and Workplace Documents. Each unit of instruction includes teacher-led video instruction with teachers modeling assessment items comparable to the ones students will encounter on exam day. In addition, students have ample practice opportunities, as each lesson includes multiple assignments, with each one aligned to the difficulty and cognitive processes demanded by one of the five levels of mastery on the WorkKeys assessment.

VIRTUAL TUTOR: ASVAB®

This course prepares students for the Math, Verbal, and Science sections of the Armed Services Vocational Aptitude Battery. Each subject includes multiples strands, each with its own diagnostic pretest—allowing students to focus their study only on their areas of weakness. Personalized study plans based on the diagnostic results include video-based instruction, assignments and practice, and assessment to ensure that students have mastered material.

VIRTUAL TUTOR: ACT®

This course provides students with the opportunity to prepare to successfully complete the ACT® college-entrance exam. Practice tests diagnose and target areas of opportunity, and students are prescribed individual study paths. The learning experience includes video-based instruction by highly qualified teachers, interactive assignments, and frequent assessment opportunities to track progress.

VIRTUAL TUTOR: SAT®

This test preparation course effectively prepares students for all sections of the SAT® exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

VIRTUAL TUTOR: PSAT®

This course provides students with the opportunity to prepare for success on the PSAT®. Practice tests diagnose and target areas of opportunity, and students are prescribed individual study paths. The learning experience includes video-based instruction by highly qualified teachers, interactive assignments, and frequent assessment opportunities to track progress.

VIRTUAL TUTOR: GED®

This test preparation course effectively prepares students for all sections of the GED® exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

VIRTUAL TUTOR: HISET®

This test preparation course effectively prepares students for all sections of the HiSET® exam. Course content is broken up into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.

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GED is a registered trademark of the American Council on Education.

HiSET is a registered trademark of Educational Testing Service (ETS)

SummerBridge

These courses support the transition from elementary school to middle school and from middle school to high school, giving students the critical skills they need for success. Each course is approximately 20 hours in length.

Bridging to Middle School

READING SKILLS AND STRATEGIES

In this mini-course, students will learn strategies for success with both literary and informational texts. Through close reading of a variety of fiction texts, students will review setting, plot, and conflict. They will also engage with characterization, figurative language, and theme. Finally, students will learn strategies for reading and understanding poetry before moving on to informational texts. In their study of informational texts, students will focus on text structures—including procedural, compare/contrast, cause-and-effect, and problem-solution. Students will learn how to identify central ideas and details in nonfiction, as well as how to make inferences and unpack claims and arguments.

GET READY FOR MIDDLE SCHOOL MATH

In this mini-course, students will review fractions and decimals to ensure they can work fluently in the middle-school math classroom. Students will rebuild conceptual knowledge of fractions and review how to add, subtract, and multiply fractions and mixed numbers. Students will also review decimal concepts and operations, as well as how to solve word problems with both fractions and decimals together.

INTRO TO ONLINE LEARNING (MS)

In this mini-course, students new to online learning will understand how technology impacts learning in the digital age. They will practice “netiquette” and learn strategies for dealing with online harassment and cyberbullying, staying safe online, and avoiding plagiarism when working with digital sources. Students will also learn practical strategies for time management and studying, including studying alone and in a group, learning from mistakes, and best practices for test-taking.

Bridging to High School

ALGEBRA READINESS

In this mini-course, students will review middle-school concepts and skills related to functions and equations. They will translate between tabular, graphical, and symbolic forms as they explore slope, represent trend lines, and write functions to model real-world situations. They will write, graph, and solve equations and systems, as they make connections between equations and graphs to build the knowledge needed for success in Algebra I.

ELA FOUNDATIONS

In this mini-course, students will build the skills and strategies needed to understand and analyze literary, informational, and argumentative texts at a high-school level. Students will grapple with authentic texts that include poems and short stories, informational texts with a variety of structures and features, and argumentative pieces about people and ideas. They will also review key elements of language and grammar as they write an argumentative essay with scaffolding and support.

INTRO TO ONLINE LEARNING (HS)

In this mini-course, students will learn how to take responsibility for their own academic success, which is critical in an online learning environment. Students will learn strategies for staying motivated, managing their time, studying effectively, and getting help when they need it. Students will also explore how to make the most of online tools in learning, including strategies for reading online, conducting online research, and taking digital notes.

Character Education

The character education content library includes nine full courses from Purpose Prep as well as the intervention library, which organizes the content into over 130 unique topical lessons so that it can be fully customized and combined with content from other Imagine Edgenuity content libraries and courses.

CHARACTER & LEADERSHIP DEVELOPMENT*

In this course, students will learn what leadership looks like in a 21st-century world, how new generations are adapting to lasting principles and how to influence others and take on a leadership role in their own community. The course begins with providing students the opportunity to identify and write out their life vision, mission, and purpose and begin to understand the value of making memories, having adventures, and creating meaningful experiences. Upon completion of this course, students will have a clear understanding of what it takes to have an impact on their family, friends, and peers, as well as a personal action plan of practical steps they can take to reach their goals.

CLIMATE & CULTURE TRANSFORMATION*

Climate & Culture Transformation is a course designed to teach students the different aspects of health and safety, relationship support, social awareness, and equity, inclusion, & diversity. The climate and culture of a school, community, or relationship are all based on mutual and self-respect, perspective-taking, healthy communication, and positive values. In this course, students are challenged to reflect on and learn more about themselves and others, as well as how to advocate for safer and more supportive environments. Each lesson is packed with positivity and insight needed to envision a brighter future for all.

COLLEGE & CAREER READINESS*

The content in this course provides instruction on skills essential for students preparing for college and/or a career, including how to build an effective resume, how to groom and dress in the workplace, the power of networking and how to develop disciplines that lead to success. Now, more than ever, students are told they must be prepared for higher education or a career in a skilled profession.

MENTAL HEALTH & WELLNESS*

Mental Health & Wellness is a course designed to reinforce and empower a student's overall mental health, especially in times of crisis or trauma. This course is designed to help students cope with difficult situations, self-soothe, and manage conflicting emotions. It seeks to give students the tools they need to keep their mind and well-being safe and sound. By participating in this course, students build a framework for citizenship, embrace the value of diversity, and learn how to appropriately use their voice to fight against injustices. Upon completing this course, students will understand the value of resiliency and how to utilize a framework for working through life challenges, enabling them to lead a meaningful and fulfilling life.

PERSONAL DEVELOPMENT*

Personal Development is a course designed to increase a student's success in school, at work, and in their personal life. Each of the lessons in this course provide students with practical insights, stories, discussion questions, and activities designed to enhance self-awareness, boost self-esteem, and help develop the motivation it takes to overcome personal challenges. By participating in course activities and discussions, students build a valuable record of their goals, dreams, skills, interests, and values. Students will also develop the skills necessary to make informed and responsible decisions about their own well-being, as well as the well-being of others.

RESTORATIVE PRACTICES & PRINCIPLES*

This course is designed to provide individuals with the knowledge and tools to improve and repair relationships between people and communities. It seeks to build social behaviors and treat underlying causes that lead to antisocial behavior, rather than merely punish the misbehavior itself, and restore the trust and harmony in both individuals and relationships after harm is done. By participating in this course, students learn to evaluate the impact that their environment and experiences have on them, and then build purposeful, positive futures for themselves, regardless of their history, circumstance, or past mistakes. This course aims to instill the confidence, inspiration, and wisdom needed to break through any social stereotypes or

barriers that stand in the way of reaching their full, best potentials possible.

SOCIAL AND EMOTIONAL SUCCESS*

Social & Emotional Success is a course is designed to strengthen a student's social capacity and their emotional intelligence (EQ). Through a study of mindfulness, students develop a strong sense of self, enabling them to develop successful relationships, make healthy decisions, and achieve their goals. On top of developing EQ skills students will be equipped to handle trauma, developing coping skills, understand the consequences of drugs and how to find help when feeling vulnerable and abused. Upon completing this course, students will be empowered with the skills to identify problems, utilize critical thinking to evaluate and reflect on solutions, and engineer their own philosophy towards mindfulness.

TRAUMA-INFORMED LIVING*

Trauma-Informed Living is designed to address common mental health issues, provide resources and techniques to healthily process, cope, and heal our emotions, and reduce the stigma of mental health issues in society. There are many common, and normal, mental experiences that individuals face that are misunderstood, undiscussed, and/or untreated, which may lead to long-term and development problems or suicidal thoughts and behaviors. By participating in this course, students learn how to prevent, recognize, and identify different mental health issues, how to navigate the emotions involved, how to seek resources for help with mental health, and how to help others in need do the same. The topics discussed in this course include personal safety and wellness, self-esteem, potential mental barriers, social-emotional trauma, childhood trauma, mental health disorders, and suicide prevention and awareness.

UNLOCK YOUR PURPOSE*

In this course, students will investigate their why and identify the person they want to become. Yet, no matter how strong their self-awareness is, events will occur that will challenge them. This course allows students to examine what motivates them to keep pressing on and pushing through the pain of growth that is necessary to leading a fulfilling life. By participating in activities and discussions in this course, students build the interpersonal and intrapersonal skills that lead to a life of purpose. Upon completing this course, students will understand how to balance the principles of happiness and success, the importance of helping others, the connection between internal thoughts and external communication, and how to build and maintain healthy relationships.

**Courses marked with an asterisk are one-semester courses.*

INTERVENTION ON PURPOSE" MODULES

The "Intervention On Purpose" module suite includes selected content from the full Purpose Prep courses**, for use in a variety of flexible implementation settings:

- Controlling your Thoughts and Sad Feelings
- Regulating Anger and Temper
- Understanding Anxiety
- Overcoming Bullying the Right Way
- Crafting My Personal Vision
- Building Communication Skills with Adults
- Understanding Depression
- Being Yourself with Pride and Confidence
- Advancing Everyday Communication Skills
- Discovering My Identity
- Impacting and Contributing to My Community
- Seeing the World Through Compassion & Empathy
- Surviving the Death of a Loved One
- Coping with the Incarceration of a Loved One
- Dealing with Divorce & Separation
- Becoming a Dynamic Leader
- Dealing with Rejection
- Striving for Authenticity
- Finding Hope with Teen Pregnancy
- Resisting and Refusing Peer Pressure
- Asking for Help for Myself or Others
- Writing Life-Changing Goals for My Future
- Managing Stress
- Walking through Forgiveness
- Keeping Calm and Living with Mindfulness
- Learn to Date Yourself
- Living by Character, Values and Purpose
- Turning your Life Around & Starting Again
- Dressing and Grooming for Success

- Self-Motivate and Create Ambition & Curiosity
- Preventing Suicide and Depression
- Introducing the Process of Substance Abuse and Rehabilitation
- Learning Resiliency, Elasticity and Coping Strategies
- Finding a Mentor
- Identifying my Needs and Limits
- Taking Control of Impulsive Decision Making
- Focus & Refocus
- Accepting & Taking Responsibility
- Coping with Grief, Loss and Shame
- Embracing Diversity
- Managing my Mood and Behavior
- Moving Forward from Suspension and Expulsion
- Finding Available Mental Health Resources and Supports
- Dealing with Sexual Abuse and Sexual Pressure
- Unlearning Learned Helplessness
- Evaluating the Quality of my Judgements
- Overcoming Gangs, Guns and Fighting
- Protecting Myself against Exploitation and Human Trafficking
- Returning to School Successfully
- Learning Refusal Skills & How to Say No
- Fighting Truancy
- Restorative Practices: Taking Accountability for My Circumstances
- Managing Adrenaline and Aggression
- Staying Safe Online
- Building Healthy Relationships
- Overcoming the Use of Swearing and Degrading Words
- An Introduction to Substance Abuse
- Exposing the Consequences of Drugs on My Body and Mind
- Tackling the use of Stimulants and Depressants
- Living above Vaping and JUULing
- Considering the Impact of Drugs on My Relationships
- Living Drugs-Free and Overcoming Drugs

***This is not an exhaustive list of all intervention topics*

Subscription-based Electives

Imagine Edgenuity offers a suite of eDynamic Learning electives on a subscription basis, allowing students to pursue a large range of interests in language arts, creative arts, STEM, and CTE. These electives are priced separately by semester enrollment. A list of required materials by course, can be found on the eDynamic Learning Course Catalog website. On that page, click on the course tile to bring up Units at a Glance for the course and scroll to the bottom for Required Materials list.

3D MODELING 1A*

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas.

3D MODELING 1B*

Many buildings that are rendered in the real world first are constructed in a digital 3D world that depicts the aesthetics, environment, and conditions of what will come to be. In this course, you will be introduced to the tools and techniques needed to create works of 3D art. You will bring your objects to life with color, textures, lighting, and shadow all while simulating the movement of world around.

ACCOUNTING 1A*

Accounting is more than numbers and spreadsheets; it's about unlocking the secrets of financial success and understanding how to drive a company forward. The individual who understands business finances holds sway in the organization. From decoding financial statements to mastering corporate ethics, real-world scenarios expose you to accounting principles and provide opportunities to apply your knowledge. Whether you're exploring if accounting aligns with your career aspirations or you dream of becoming an entrepreneur and want to gain a deeper understanding of managing the "books", this course will empower you to navigate accounting and make excellent decisions.

ACCOUNTING 1B*

This course is not about crunching numbers; it's about understanding how accounting shapes business and how you can make a difference. Building on what you already know, this course takes you deeper into real-life applications of the accounting cycle. You will explore how modern tools, like inventory management, payroll, and cutting-edge technology, are shaping accounting today. Think like a boss as you work on a project throughout this course: managing internal controls for your own fictional company. Accounting is your chance to make an amazing impact in business and life.

ADVANCED NETWORKING 1A*

In this course, you will learn about a variety of different networks, their layers, and the different needs they address. You'll uncover best practices for setting up secure remote access connections, techniques to troubleshoot and think strategically, and correct documentation. Lastly, you'll learn tips to successfully communicate in the workplace.

ADVANCED NETWORKING 1B*

In this course, you'll learn the methods used to manage traffic, transmissions, and users based on organizational needs and the important decisions that go into building an optimal network. You'll explore types of malicious attacks and the role that risk management plays in the strategic planning to prepare for, monitor, and efficiently remediate damage. Lastly, you'll investigate processes that can be used to prevent, monitor, and notify of these events to employ action plans quickly.

ADVERTISING AND SALES PROMOTION*

Every year companies spend $200 billion promoting their products and services—and that's in the United States alone! Experts estimate that by the time you turn 65, you will have seen nearly 2 million TV commercials, not to mention radio ads, billboards, and online advertisements. You're familiar with what it's like on the receiving end of a company's marketing efforts, but what's it like on the other side? In this course, you'll learn how marketing campaigns, ads, and commercials are conceived and brought to life. You'll meet some of the creative men and women who produce those memorable ads and commercials. And

you'll discover career opportunities in the field to help you decide if a job in this exciting, fast-paced industry is in your future!

AGRISCIENCE 1: INTRODUCTION TO AGRISCIENCE*

In this course, students will learn more about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

AGRISCIENCE 2A* AND 2B*

Science and technology are revolutionizing many areas of our lives, and agriculture is no exception! From aquaculture to genetic engineering, agriscience is finding new ways to better produce and manage plants, from the field to the garden. In Agriscience II, you'll build on your existing knowledge of plant science and delve deeper into important areas such as soil science and weed management. You'll learn more about horticulture and plant science trends from creating hybrid species to growing edible plants in unlikely places.

** Students will need to be enrolled separately in each semester course.*

ALLIED HEALTH ASSISTANT 1A*

Explore your options by learning how to properly care for your patients and provide for the administrative needs of healthcare. Learn to prepare exam rooms, schedule, bill, and document all while solidifying your professional skills in communication, privacy, safety, and ethics.

ALLIED HEALTH ASSISTANT 1B*

Allied health encompasses a broad range of different health care professionals who provide a range of skills in the fields of dentistry, pharmaceutical, medicine, nursing, nutrition, rehabilitation, and more. This course is the second course of the Allied Health concentrator sequence and gives you the needed skills to pursue any of these careers in allied health.

AMERICAN SIGN LANGUAGE 1A* AND 1B*

This beginning of this full-year course will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture: social beliefs, traditions, history, values and communities influenced by deafness. The second semester will introduce you to more of this language and its grammatical structures.

** Students will need to be enrolled separately in each semester course.*

AMERICAN SIGN LANGUAGE 2A* AND 2B*

In this course, students will build on the skills they learned in American Sign Language 1 and explore the long and rich history of Deaf culture and language. They will expand their knowledge of the language as well as their understanding of the world in which it is frequently used. Students will grow their sign vocabulary and improve their ability to interact using facial expressions and body language. They will also learn current trends in technology within ASL as well as potential education and career opportunities.

** Students will need to be enrolled separately in each semester course.*

AMERICAN SIGN LANGUAGE 3A* AND 3B*

As students dive into more advanced ASL signing, including unique grammar features, advanced classifiers and locatives, they'll learn, compose, and present newfound vocabulary and narratives by immersion in Deaf culture and community. Students will learn opinions, slang, and idioms, to using technology and media that offers authentic Deaf perspectives. They will explore how travel, cultural differences, and geography affect sign language, and gain a better understanding of Deaf culture by learning important events and examining topics such as education, science, and literature. Additionally, through discussing Deaf culture and experiences, students will advance their signing skills by developing verb tenses, grammar, and syntax in real conversation activities and through opportunities to debate real issues. Students will explore the next steps in education and career opportunities for their new intermediate ASL skills.

** Students will need to be enrolled separately in each semester course.*

ANATOMY AND PHYSIOLOGY 1A*

Whether you plan on pursuing a career in health sciences or simply looking to gain an understanding of how the human body works, you'll first need to understand the relationship between anatomy and physiology. Learn how to read your body's story through understanding cell structure and their processes, and discover the functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems.

ANATOMY AND PHYSIOLOGY 1B*

Examine the form and function of even more body systems. Learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics.

ANIMATION 1A* AND 1B*

Do you wonder what it would be like to create the next blockbuster animated movie or do you want to make the next big video game? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! You will learn how to use animation tools to conceptualize and bring your creations to life. You'll learn the ins and outs of creating 2D and 3D animation, from start to finish. You'll even begin working on our own design portfolio and get hands on experience with creating your own animation projects. Learning about Animation could lead to a thriving career in the growing world of technology and animation.

** Students will need to be enrolled separately in each semester course.*

ANTHROPOLOGY 1: UNCOVERING HUMAN MYSTERIES*

The aim of anthropology is to use a broad approach to gain an understanding of our past, present and future, and in addition address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look 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 to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

ANTHROPOLOGY 2: MORE HUMAN MYSTERIES UNCOVERED*

Anthropology has helped us better understand cultures around the world and through different time period. This course continues the study of global cultures and the ways that humans have made sense of their world. We will examine some of the ways that cultures have understood and gave meaning to different stages of life and death. The course will also examine the creation of art within cultures and examine how cultures evolve and change over time. Finally, we will apply the concepts and insights learned from the study of anthropology to several cultures found in the world today.

APPLIED ENGINEERING 1A*

Discover how technology has changed the world around us by pursuing technological solutions to everyday problems. While using scientific and engineering methods, learn how electricity, electronic systems, magnets, and circuits work. Understand the design process and bring your ideas to life. Explore how engineering advances your ideas and the world!

APPLIED ENGINEERING 1B*

Do you like to invite solutions to solve problems? Applied engineering has advanced areas such as energy, transportation, health and genetics, alternative energy, food packaging, etc. Explore various inventions and solutions that have solved problems across industries. Examine how artificial intelligence and technology are making an impact on breakthroughs. Evaluate the range of robotic and STEM-related career options available for you to make a difference in lives with your contributions and innovations.

ARCHAEOLOGY: DETECTIVES OF THE PAST*

George Santayana once said, "Those who cannot remember the past are condemned to repeat it." The field of archaeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on the techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.

ASTRONOMY 1A* AND 1B*

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky

Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

** Students will need to be enrolled separately in each semester course.*

BIOTECHNICIAN 1A*

There are so many mysteries that need unraveling in the world today that can help us grow better crops, cure diseases, combat pollution, solve crimes, and so much more. If you love the idea of solving problems to make the world a better place, a career as a biotechnician may be for you. In this course, you'll learn the basics of lab safety, how to perform tasks crucial to experimentation, biological basics, and about the exciting careers available in the field of biotechnology.

BIOTECHNICIAN 1B*

In this course, you'll explore essential topics that structure the reality of biotechnology such as the role genetics and epigenetics play in influencing human traits, the creation and purpose of recombinant DNA, and how the human immune response can be tweaked to fight disease. You'll also explore GMOs and biofuels and how an idea becomes reality in the biotech industry.

BIOTECHNICIAN 2A*

In this course, you will dive even deeper into the role of a biological technician to understand how genetic engineering works. You will explore managing a biotech laboratory, Microscopy and Spectroscopy, mammalian cell culture, what the day-to-day duties of a biotechnician involve, and more. You will also explore experimental design as it relates to genetic engineering to plan your own experiments.

BIOTECHNICIAN 2B*

In this course, you will build on the basics and learn how a career as a biotechnician could change the world! You will explore genetics- diseases, therapies, and testing, AI and precision medicine, CRISPR and agricultural sciences, and much more. You will also explore job opportunities in the field of biotechnology and tips for planning a career.

BIOTECHNOLOGY 1A: INTRODUCTION*

Biotechnology is a cutting-edge, high-demand field that encompasses everything from plant and animal breeding to genetics. Discover how biotechnology has changed the world around us, from food to genetics. Explore historical applications with modern discoveries. Understand how regulations and ethics govern the course of biotechnology and learn of its importance to the field of medicine.

BIOTECHNOLOGY 1B: UNLOCKING NATURE'S SECRETS*

Learn how and why biotechnology is so important to the agricultural, pharmaceutical, and genetic fields of study. You'll learn about mapping the human genome, the role of antibiotics, how medicine is created to combat diseases, and the future of the biotechnology field.

BLACK HISTORY IN AMERICA 1A* AND 1B*

By examining the stories of brave men and women who persevered, built community, and contributed to our nation's goals—sometimes amid great persecution—we can all learn how to pave a brighter future. Learn about the incredible history of Black people who have left a mark on the fabric of the United States to the ways the country has wrestled with its past to understand slavery, emancipation, and the fight for civil rights in our nation.

** Students will need to be enrolled separately in each semester course.*

BUSINESS INFORMATION MANAGEMENT 1A*

Do you dream of owning your own business someday, or working for a company in a leadership position? Wherever your path may lead you, having the essential knowledge of business types, requirements to start a business, understanding of finances, business law, marketing, sales, customer service, and more, will ensure you're on the path to success. Let's explore your passion for business in this course!

BUSINESS INFORMATION MANAGEMENT 1B*

Now that you have the basics of business down from the previous course, it's time to become better acquainted with the application of information management in business. Learn about professional conduct, teamwork, and managerial skills, while also examining careers in business technology. The basics of word processing, spreadsheets, databases, and presentation software are also explored so that you become better prepared for jobs in this field.

BUSINESS LAW 1A*

Whether you plan on starting your own business or being in charge of one, it is crucial to understand how to keep the company compliant. Explore what it means to run an ethical business, how to keep intellectual property, technology, and e-commerce safe and protected, understand insurance and taxes, and how to have a healthy workplace environment. Keep the business safe and growing by following the law.

BUSINESS LAW 1B*

Whether you plan to start your own business, work for an organization, or go into law, it's essential to understand more complex legal requirements that impact business operations and decisions. This is especially true as companies grow and expand domestically and internationally. Explore the differences between criminal and civil law. Examine how state and federal regulations work to protect consumer and employees' rights, protect society and the environment, and understand how business contracts can work to protect everyone.

CAREERS IN CRIMINAL JUSTICE 1A* AND 1B*

The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

** Students will need to be enrolled separately in each semester course.*

CHILD DEVELOPMENT 1A*

If you're considering a career in education, medicine, psychology, or areas that involve toddlers to teens, you'll need to know how they grow and develop. In this course, you will learn about the ages from womb through adolescence and the teen years. You'll explore essential topics like nature vs. nurture, developmental theories and stages, nutrition, safety precautions, family planning, and more.

CHILD DEVELOPMENT 1B*

You have learned the basics of child development, and now it's time to dig deeper into the psyche and behaviors of children. In this course, you will learn about setting boundaries, creating rules, and enforcing consequences when working with children. You will explore helping kids and teens manage stress, provide support for children with disabilities and enrichment for gifted children, how to perform first aid, and more. You will also set goals for your future career working with children and adolescents.

COMPUTER MAINTENANCE 1A*

In this course, you'll learn how computers are set up starting with the software and operating systems and what to do when hardware and software issues are encountered. You'll learn different types of data communication, various power supply units, essential components like motherboards and memory and much more!

COMPUTER MAINTENANCE 1B*

In this course, you'll dig into computer networks and their extensive capabilities. You'll explore data exposure and how to mitigate threats, discuss the fundamentals of network design and layout, learn how cloud-based services store data, discover the differences between wired and wireless networks, and dream of possibilities as you explore fun network options like smart home systems.

CONCEPTS OF ENGINEERING AND TECHNOLOGY*

Each day, we are surrounded by technology and engineering projects. From our phones to the bridges we drive over, engineering and technology influence many parts of our lives. In Concepts of Engineering and Technology, you will learn more about engineering and technology careers and what skills and knowledge you'll need to succeed in these fields. You'll explore innovative and cutting-edge projects that are changing the world we live in and examine the design and prototype development process. Concepts of Engineering and Technology will also help you understand the emerging issues in this exciting career field.

COSMETOLOGY 1: CUTTING EDGE STYLES*

Interested in a career in cosmetology? This course introduces students to the basics of cosmetology. Students will explore career options in the field of cosmetology, learn about the common equipment and technologies used by cosmetologists, and examine the skills and characteristics that make someone a good cosmetologist. Students will also learn more about some of the common techniques used in caring for hair,

nails, and skin in salons, spas, and other cosmetology related businesses.

COSMETOLOGY 2: THE BUSINESS OF SKIN AND NAIL CARE*

Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well-versed in the latest trends and technological advances. In this course, students will experience what the day-to-day life of a cosmetologist is like. They will discover that cosmetology is much more than knowing and applying techniques. Additionally, students will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques.

COSMETOLOGY 3A: INTRODUCTION TO HAIR SKILLS*

Cosmetology is a specialized field with a high skill set. Students will examine the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. Students will also learn about hair types, face shapes, and color theory. To prepare students for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined.

COSMETOLOGY 3B: WAVING, COLORING, AND ADVANCING HAIR SKILLS*

Let's delve into the realm of hairstyling and cutting techniques! In this course students will explore a variety of wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Discover manual curling and the use of chemicals to curl and straighten hair, as well as safety when working with chemicals. By the end of the course students will be well versed in a plethora of hair skills and techniques.

CREATIVE WRITING: UNLEASHING THE CORE OF YOUR IMAGINATION*

Think about the Declaration of Independence, the Bill of Rights, and Lincoln's 2nd In Augural Address. How have these writings shaped our country and the future? While you learn how to unleash the core of your imagination to develop your own creative writing, you'll also explore creative writing through foundational literary works from the 18th to 20th century of Colonialism to American Gothic to Modernism, and everything in between, while evaluating original writings and their interpretations.

CRIMINOLOGY: INSIDE THE CRIMINAL MIND*

In this course, we will look 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 misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime?

CULINARY ARTS 1A* AND 1B*

Food is all around us—we are dependent on it and we enjoy it. This course will give you the basic fundamentals to start working in the kitchen and gaining experience as you explore and establish your talents for cooking and preparing food in a creative and safe way. You will learn safety measures as well as enhance your knowledge of various types of foods and spices. If you enjoy hands-on learning and want to deepen your knowledge about culinary arts, this is a great course to start.

** Students will need to be enrolled separately in each semester course.*

CULINARY ARTS 2: BAKING, PASTRY, AND MORE!*

Whether students aspire to be a world-class chef or just want to learn the skills needed to create their own dishes, they'll build a strong foundation and grow their knowledge of this exciting industry. Students will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. They will enhance their understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company.

CYBERSECURITY 1A* AND 1B*

We depend more and more on the technologies we interact with every day, and we put more and more of our personal data out there online. Can all of that data really be kept "secret"? We all need to know more about how to protect our personal information, especially given how much we rely on and use our network devices and media. You'll learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. You'll also dive into the tools, technologies, and methods that will help protect you

from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

** Students will need to be enrolled separately in each semester course.*

DENTAL ASSISTANT 1A*

Learn how becoming a Dental Assistant can offer you a rewarding career as well as job security. Start with learning the different roles within a dentist's office, organizations to get involved with, and basic head, neck, and dental anatomy. Learn what it takes to embark on a career sure to provide personal and professional fulfillment.

DENTAL ASSISTANT 1B*

In this one-semester course, you'll learn about the daily duties of a dental assistant including the structure of an office visit, managing patient records, and administrative aspects of the role. You'll also explore how patient health can impact oral health, how to prepare for and perform a patient visit, and how to succeed in a team environment.

DENTAL ASSISTANT 2A*

In this course, you will continue to explore the field of dentistry through a work-based learning experience while studying how to maintain a safe environment for patients. You'll cover prevention, recognition, and management of common dental office emergencies and how to manage patient pain and medications. You'll learn about microbiology and the modes of disease related to oral care as well as explore specialties in the dental field important responsibilities and guidelines for providers.

DENTAL ASSISTANT 2B*

In this course, you'll explore clinical subjects: maintaining safe environments for patients, managing pain and medications, using and handling common materials in a dental setting, the basics of radiology, dental specialties and more! You'll also encounter activities designed to get you out of the classroom and into the dental world investigating and volunteering in professional settings. Lastly, you'll learn about professional organizations, gaining employment, and the certification process.

DIGITAL DESIGN 1A*

Discover your talent for building digital media applications using text, graphics, animations, sounds, videos, and more! Learn about the elements that make impressive media, such as typography, color theory, design, and manipulation. Explore careers to apply your digital media skills and find your place in this fast-paced and exciting field!

DIGITAL DESIGN 1B*

Are you ready to dig deeper and discover more about the world of digital design? In this course, you will continue building the foundational skills necessary to become a successful graphic designer. You will learn and apply effective communication and people skills, explore and implement the design process, create images, properly use equipment, and evaluate and market your own designs. By the end of the course, you'll better be able to decide if a career in digital design is for you... and if the answer is yes, you'll be well on your way to designing a bright future!

DIGITAL MARKETING 1A*

Digital marketing is where creativity meets strategy, and innovation is the name of game. Explore how to captivate audiences in the digital landscape. From mastering social media platforms to crafting compelling content that leaves a lasting impression and evaluating the successes (and failures) of innovative brands, students learn the secrets behind building a powerful online presence. Analyzing the consumer and their journey, students learn the power of storytelling and how to pull their promotional strategy into a multi-channel campaign.

DIGITAL MARKETING 1B*

How do your favorite brands become famous online? Learn how companies connect with an audience by exploring the details behind social media campaigns and mastering the art of content creation. Get hands-on with positioning, promoting, and building communities while learning about the behind the scenes of planning and data analytics. With videos, real-life examples, and case studies, you will see what works (what does not) in digital marketing. Plus, you gain insight into the different careers in this exciting marketing field. Get ready to discover the power of digital marketing!

DIGITAL MEDIA FUNDAMENTALS 1A*

Discover your talent for building digital media applications using text, graphics, animations, sounds,

videos, and more! Learn about the elements that make impressive media, such as typography, color theory, design, and manipulation. Explore careers to apply your digital media skills and find your place in this fast-paced and exciting field!

DIGITAL MEDIA FUNDAMENTALS 1B*

Let's polish your digital media skills and help you learn all about web design. Incorporate your creative ideas into websites and discover the basics of marketing to understand how your work can be used effectively. You'll also explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career in this exciting field.

DIGITAL MEDIA WEB DESIGN 2A*

Digital media may be a webpage, video, image, podcast, form, or more. Explore how you can develop webpages that embed different media and interactivity for excellent user experience through programming languages such as HTML and CSS. Examine trends and opportunities, education requirements, student organizations, and industry certification options.

DIGITAL MEDIA WEB DESIGN 2B*

Before you can design a great eCommerce store, it's essential to understand how one works. Learn the trends, design principles, and security strategies. Explore what it means to adhere to ethical and legal requirements and complying with industry standards and accessibility. It's time to start designing the next best eCommerce site!

DIGITAL PHOTOGRAPHY 1A* AND 1B*

Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture that moment that you saw with your eyes? The Digital Photography I course 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 will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

** Students will need to be enrolled separately in each semester course*

DIGITAL PHOTOGRAPHY 2: DISCOVERING YOUR CREATIVE POTENTIAL*

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye catching photograph.

EARLY CHILDHOOD EDUCATION 1A* AND 1B*

Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children.

** Students will need to be enrolled separately in each semester course.*

EKG TECHNICIAN 1A*

Our hearts are essential to our survival. And EKG technicians play an important role in administering tests and evaluating data given by the electrocardiogram (EKG) to treat patients effectively. Explore the cardiovascular system and its anatomy, and its role in our body, health, and lives.

EKG TECHNICIAN 1B*

This course will prepare you to interpret different EKG waves, how to spot wave abnormalities, how to differentiate between different disorders, and how to treat those disorders.

EMERGENCY MEDICAL RESPONDER 1A*

Get a realistic look into the day-to-day, fast-paced life of an EMR and how their roles and responsibilities fit into the larger picture with Emergency Medical Services. Discover how to conduct a patient assessment when you arrive on a scene and assess and treat various medical emergencies.

EMERGENCY MEDICAL RESPONDER 1B*

EMRs are first responders who are prepared for action! Explore how to care for diverse patients and in unique and even difficult situations. From advanced trauma to childbirth, from mass casualties to special conditions. EMRs are trained to care for, treat, move, and transport patients in various situations and play a vital role as part of an EMS response team.

FASHION DESIGN*

Are your students fashion trend followers? Are they drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do they dream of designing their own line of clothing or accessories? Students will learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Students will start creating today!

FORENSICS 1A: INTRODUCTION*

Our notions of forensics are often fictionalized, containing fantastic notions of what forensic science really is. In this course, you'll explore the truth behind the science from its history to its modern-day developments. You will learn how detectives conduct thorough investigations as well as common equipment and methods that are used throughout the field. Finally, you will learn about collecting and analyzing the most common types of evidence found at a crime scene and how they guide investigators to answers.

FORENSICS 1B: THE SCIENCE OF CRIME*

You've investigated the surface and have started building a case, but now it's time to examine the field of forensics further. In this course, you will delve into the details, studying DNA analysis, forensic anthropology, tool marks, arson, impressions, toxicology, questioned documents, and digital forensics. You will also explore the different specialties within a forensics team. You'll learn more about what each field entails, what that specialist does at the scene and in the lab, and what conclusions can be made based on their analysis. Let's continue strengthening your case and interests for this fascinating field.

FORENSIC SCIENCE 1: SECRETS OF THE DEAD*

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed. The Science of Crime or Forensic Science 1 and 2.

FORENSIC SCIENCE 2: MORE SECRETS OF THE DEAD*

Although the crime scene represents 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 this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined. **Students should take either Forensics A and B or Forensic Science 1 and 2. They should not take both, as there is significant overlap in content.**

FORESTRY AND NATURAL RESOURCES*

Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry and Natural Resources course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry related careers and important issues facing forestry professionals today.

FOUNDATIONS OF GAME DESIGN 1A: INTRODUCTION*

Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game!

FOUNDATIONS OF GAME DESIGN 1B: STORYTELLING, MECHANICS, AND PRODUCTION*

Now that you have the basics of game design down, let's use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.

GAME DESIGN FOR CHROMEBOOK 1A*

In this course, you'll learn the fundamentals of game design including scripting in JavaScript, game mechanics, audio editing, storytelling, and game world development. And the best part? You'll apply these skills to build an arcade-style galactic adventure game using PlayCanvas! Let's get ready to blast off into the world of game design!

GAME DESIGN 2B*

In Game Design 2b, you'll take your runner game to new heights and enter the land of fire and ice using the cool tools that Unity has to offer! Get ready to build atmospheric landscapes, mountain runs, and stair builds and to implement obstacles to keep your relic safe! Then, your real-world game begins: test and evaluate your game and prepare for a market launch!

GAME DESIGN 2B*

In Game Design 2b, you'll take your runner game to new heights and enter the land of fire and ice using the cool tools that Unity has to offer! Get ready to build atmospheric landscapes, mountain runs, stair builds, and implement obstacles to keep your relic safe! Then, your real-world game begins: test and evaluate your game and prepare for a market launch!

GAME DESIGN FOR CHROMEBOOK 1B*

In this course, you'll build on your prototype focusing on techniques to add difficulty but also increase the fun. "Fun" may sound like an elusive quality to achieve, but understanding your audience's needs and potential immersive elements as well as the alignment and flow of your game progression will put you well on the way to creating a hit!

GOTHIC LITERATURE: MONSTER STORIES*

From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. 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, the 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.

HISTORY OF THE HOLOCAUST*

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

HOSPITALITY & TOURISM 1: TRAVELING THE GLOBE*

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks,

and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

HOSPITALITY AND TOURISM 2A* AND 2B*: HOTEL AND RESTAURANT MANAGEMENT

In this course, students will learn about what makes the hotel and restaurant industries unique. They will learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Students will evaluate the environment for these businesses by examining their customers and their competition. As well, they will discover trends and technological advances that makes each industry exciting and innovative. Students will explore a variety of interesting job options from Front Desk and Concierge services to Front-of-House and Food Service.

** Students will need to be enrolled separately in each semester course.*

HOTEL MANAGEMENT 1A*

In this course, you will learn about the business of hospitality and the different types of hotel ownership and programs. You'll explore the essential functions of a hotel from bookings, management systems, front and back of house operations, technologies, and more. You'll also discover what it takes to keep guests happy and run a sustainable program.

HOTEL MANAGEMENT 1B*

In this course, you'll dig deeper into hotel organization from structure to departments and staffing needs. You'll explore management and leadership including types of managers; management styles, roles, and responsibilities; and technical and communication management skills. You'll also learn more about the big picture of the travel and tourism industry, how to handle emergencies, growth and sustainability, laws and ethics, careers in the industry, and more!

HUMAN RESOURCE MANAGEMENT 1A*

In this course, you will wear the shoes of a Human Resource Management (HRM) professional and will learn how to build and manage a team to help a company reach its goals. You will also explore and perform some of the key responsibilities of a HRM professional: research, interviewing, reporting, recruiting, hiring, assessing employees, and more!

HUMAN RESOURCE MANAGEMENT 1B*

In this course, you'll step into the shoes of an HRM professional and explore key duties such as onboarding, training and development, retaining and terminating employees, safety and risk managements, company communication, and more! You'll also learn about different career opportunities in the field of HRM, develop collateral based on real-world scenarios involving HRM tasks and responsibilities, and the role of HRM in a global environment.

INTERIOR DESIGN*

Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects. In addition, you'll develop the essential communication skills that build success in any business. By the end of the course, you'll be well on your way to developing the portfolio you need to get your stylishly clad foot in the door of this exciting field.

INTERNATIONAL BUSINESS: GLOBAL COMMERCE IN THE 21ST CENTURY*

This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.

JOURNALISM 1A* AND 1B*

If you're the first to know what's going on in your school or town, or the first to post on Facebook or Instagram

about your favorite TV shows or favorite celebrities, then you're just the person that every online, in-print, and broadcast news outlet is looking for. And Journalism: Investigating the Truth is the perfect course for you! In this course, you'll learn how to write a lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You'll also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career.

** Students will need to be enrolled separately in each semester course.*

LAW & ORDER: INTRODUCTION TO LEGAL STUDIES*

Every society has laws that its citizens must follow. 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. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

LEGAL ADMIN SPECIALIST 1A*

A rewarding career as a legal administrator means you are responsible for the day-to-day operations in a law firm, and therefore, need to learn the fundamentals of law. You'll need to understand the specifics of researching, creating, processing, filing legal documents, and more. Jumpstart your career in law by learning what it takes to be a legal admin.

LEGAL ADMIN SPECIALIST 1B*

Wherever your legal admin career takes you, understanding the responsibilities of a law office requires strict attention to detail, communication skills, office competence, and legal savvy. What does a legal admin need to know and what duties do they perform? How do confidentiality, cybersecurity, and client relations look different in a legal office? Learn the answers to these questions and so much more for this exciting career with endless opportunities to prove your value, learn, and grow.

THE LORD OF THE RINGS: AN EXPLORATION OF THE FILMS & THEIR LITERARY INFLUENCES*

The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.

MANAGEMENT 1A*

Explore foundational management concepts such as leadership, managing teams, entrepreneurship, global business, finance, and technology and innovation. Engage in a capstone that pulls all of the concepts you've learned together, allowing you to see how management ideas can be applied to a business case study.

MANAGEMENT 1B*

Explore the ins and outs of this career, the responsibilities businesses have toward customers, and hiring the right employees. Gain an understanding of human resources (HR) to ensure job satisfaction and take action to ensure that all rules and laws are being followed. Learn how to become an effective manager in any field.

MANUFACTURING 1A*

Do you ever look at your man-made surroundings and find yourself fascinated at how it was created? Modern manufacturing is the answer. In this course, you will learn the big picture of manufacturing—categories, how companies decide what to produce and how to produce it, and making items in the most cost-effective way. You will also study the history of manufacturing technologies, so you can see the future possibilities for manufacturing more clearly as you start to do activities where you'll learn how your ideas can become a reality. Get ready to unveil how modern manufacturing creates the world we live in.

MANUFACTURING 1B*

We live in a manufactured world. From the chair you're sitting on to each semiconductor in the screen you're looking at, most of the objects in your life came out of a factory. While the knowledge, materials, and skills needed to create these objects are distinct, there are many commonalities in the manufacturing process. Ideas need to be generated, resources need to be

managed, and teams need to be led. This course will cover many of these commonalities, including managing resources, product development, operations, testing, teamwork, documentation, and much more. You'll learn both what is involved in the various areas of manufacturing and what a career in different fields would be like. Along the way, you'll do activities that enrich your knowledge and give you the opportunity to delve into the areas that interest you most.

MARINE SCIENCE 1A* AND 1B*

Have you wondered about the secrets of the deep and how the creatures below the ocean's surface live and thrive? Understand more about the aquatic cycles, structures, and processes that generate and sustain life in the sea.

** Students will need to be enrolled separately in each semester course.*

MARKETING 2A*

Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. Discover how business and marketing works around the world. You'll learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more.

MARKETING 2B*

This course explores the secrets to sales: expectations, best practices, sales planning, building a clientele that becomes long-term buyers, and how to stay motivated to sell, sell, sell! If sales management is your goal, you'll learn about management styles, how to find, hire, train, motivate, and compensate your team.

MARKETING FOUNDATIONS 1A*

Explore the fast-paced and exciting world of marketing! Learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Examine how to identify target markets, perform market research, and develop successful marketing strategies. Discover the legal and ethical considerations of business and marketing, along with the impact of government on business.

MARKETING FOUNDATIONS 1B*

Become a marketing mix pro by studying understanding branding, advertising, promotion strategies, and more, through real-world applications and practices. And explore the secrets of advertising and promotion. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field!

MEDICAL ASSISTANT 1A*

In this course, you will acquire medical terminology, investigate anatomy and physiology, learn keys to professionalism in an office setting, and explore office roles while building a professional portfolio.

MEDICAL ASSISTANT 1B*

In this course, you'll explore patient care and procedures, testing and care coordination, pharmacology and safety, and reimbursement and the law. You'll also narrow your areas of interest so you can better determine what type of medical assisting may be best for you.

MEDICAL DIAGNOSTIC TECHNOLOGY 1A*

The medical world is made up of many professionals specializing in body systems, as well as the technology that diagnoses and treats these systems. Have you ever wondered who these people are and what types of backgrounds provide the knowledge needed to perform these duties? As we explore the technology used to diagnose disease, we'll also investigate the professionals who play a huge role in obtaining the needed information.

MEDICAL DIAGNOSTIC TECHNOLOGY 1B*

Learn about different diagnostic technology, procedures, essential body systems, and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness.

MEDICAL LAB ASSISTING 1A*

In this course, you will learn what it takes to become a skilled medical lab assistant including understanding medical ethics, communicating with patients, performing blood draws and managing specimens, lab safety, and potential career paths!

MEDICAL LAB ASSISTING 1B*

In this course, you will learn more about patient care and procedures, testing and care coordination, pharmacology and safety, reimbursement, and the law. You will also narrow your own areas of interest, research organizations to shadow, and ultimately prepare for certification.

MEDICAL LAB ASSISTING 2A*

In this course, you will explore advanced phlebotomy techniques, blood disease pathology and testing procedures, and more about blood typing. You'll build on your knowledge of blood cell behavior, counting, and clotting and all about the blood screening process from start to finish. You will also learn about lifespan considerations, troubleshoot issues common to the MLA, and expand your knowledge of point-of-care testing and reporting values.

MEDICAL LAB ASSISTING 2B*

In this course, you will build on your knowledge of techniques and testing and deepen your understanding of physiology and disease. You'll explore the immune system and immunology, advanced specimen collection methods, antigens and antibodies, and you'll even dip into forensics. You will also learn coding essentials and the ins and outs of an effective, ethical medical lab.

MEDICAL OFFICE ADMINISTRATION 1A*

In this course, you will build your knowledge of medical terminology, medical office processes, the technology that keeps an office humming, and the laws that keep it operating ethically. You'll also explore different office roles all while building the beginnings of a portfolio.

MEDICAL OFFICE ADMINISTRATION 1B*

In this course, you will complete a deeper dive about the variety of roles available in the medical office along with the skills needed to not only run the front of the office but to excel in the position as well. Finally, you'll focus on how to apply what you've learned to begin a career in medical office administration.

MIDDLE SCHOOL 2D STUDIO ART 1A* AND 1B*

Journey inside the art studio and learn to bring your 2D art visions to life. Whatever medium you prefer, painting or drawing, this course will help you hone your 2D art skills. Learn the elements and principles needed to logistically create art; explore your artistic inspirations; view art from different ages and cultures; gain insight about the art of critiquing.

** Students will need to be enrolled separately in each semester course.*

MIDDLE SCHOOL CODING 1A* AND 1B*

In this course, students will learn all about the technology they use in their day-to-day life as well as explore how the internet functions. The course includes an introduction to the basics of computer science as students discover how to create and build websites using HTML and CSS. They will also become familiar with programming languages like JavaScript and Python. Students will leave the course with a portfolio of work that will showcase their skills.

** Students will need to be enrolled separately in each semester course.*

MIDDLE SCHOOL DIGITAL ART AND DESIGN 1A* AND 1B*

Digital art and design involves everything from advertising to animation to photography and more. In this course, you'll learn about the evolution of art; the basic principles of art and design; the role of art in politics and society; and how to create digital art and make it come alive.

** Students will need to be enrolled separately in each semester course.*

MIDDLE SCHOOL EXPLORING HEALTH SCIENCE*

Where do healthcare workers spend their days? What do they really do? From cruise ships to sports arenas, you can find healthcare workers in many places that you might not expect. Explore this field, including what it would be like to work in a medical lab. Learn what it takes to keep you and your patients safe, and begin to learn about the human body and basic first aid.

MIDDLE SCHOOL EXPLORING INFORMATION TECHNOLOGY*

Are you interested in creating a website or app, or managing various technology solutions, but not sure where to start? If so, then it's time to explore the different career options available to you in IT and learn the foundations of IT to get you started. Examine various IT pathways of web and digital communications, information and support services, network systems, and programming and software development.

MIDDLE SCHOOL EXPLORING BUSINESS*

Are you interested in business, leading people, or making decisions to help a business be successful? While there are many different career choices in the field of business, in this course, you'll discover options such as management, human resources, business operations, information management, and accounting. Explore the skills you'll need, common tasks, the technology used, and characteristics of various business careers.

MIDDLE SCHOOL EXPLORING MUSIC 1A* AND 1B*

Learn about how we hear music, its history and culture, and how it affects our lives. Explore the elements of music, such as rhythm, pitch, and harmony, while discovering more about musical genres, singing and your voice, instruments, and musical composition. Tune up your understanding and appreciation for all things musical.

** Students will need to be enrolled separately in each semester course.*

MIDDLE SCHOOL GAME DESIGN 1A* AND 1B*

We love to play video games, but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in this interactive and hands-on course that will teach you all the ins and outs of making your own game. In the second semester you'll be ready to start developing the game you designed in semester one! You'll create details and add component pieces in a game while learning to prototype, troubleshoot, and test.

** Students will need to be enrolled separately in each semester course.*

MIDDLE SCHOOL JOURNALISM 1A* AND 1B*

Who? What? When? Where? Why? Journalism provides us with the answers to these questions for the events that affect our lives. In this course, students will learn how to gather information, organize ideas, format stories for different forms of news media, and edit their stories for publication. The course will also examine the historical development of journalism and the role of journalism in society.

** Students will need to be enrolled separately in each semester course.*

MIDDLE SCHOOL PHOTOGRAPHY: DRAWING WITH LIGHT*

Students see photographs every day on television, on the Internet, and in magazines and newspapers. What makes a great photograph? How did the artist capture a story? What makes a great picture? What are careers in photography? In this course, students learn and apply fundamental skills to use a camera and take photographs of animals, people, and landscapes. Students gain an understanding of how photography can be a means of documentation or high art. Students examine photographic careers and explore self-reflection to progress their creative growth as they develop a photographic portfolio. This course helps students select subjects, take a photograph, and print and display memories!

** Students will need to be enrolled separately in each semester course.*

MIDDLE SCHOOL ROBOTICS 1A: INTRODUCTION*

If you love the idea of identifying and solving problems through machine technology, then engineering may be the perfect profession for you! In this course, you'll learn about the types of engineers and engineering activities that are involved in designing robots. You'll explore the design process, models and software engineers use, careers in engineering and robotics, and more! You'll also use Micro:bit—a powerful pocket-sized computer—to enhance your learning! Let's get ready to think like an engineer!

MIDDLE SCHOOL ROBOTICS 1B: ROBOTS IN MOTION*

In this course, you will study a robot's anatomy to understand what each part does, so you can better understand how the system works as a whole, and this knowledge will fire up your imagination to design your own robot. You will also learn a little about programming so that you can communicate with the robot. Let's get started bringing your robot to life!

MIDDLE SCHOOL TECH APPS: GRADE 6*

In this course, you will be introduced to some of the most important technological topics to place you on the path to well-rounded understanding. You will learn about your digital footprint, netiquette, and how to stay safe online. You will improve your typing, file management and organization skills as well as your knowledge of software programs. You will also learn about google apps, trends, coding, blogs and websites, photo and video software, and more! It's time to go digital!

MIDDLE SCHOOL TECH APPS: GRADE 7*

In this course, you will practice being a member of a team- listening to other's ideas and advocating for your own- and learn how to break a problem into steps represented with a flowchart. With the steps defined, you'll put your ideas into action coding a robot in Scratch and a Rock, Paper, Scissors game. Finally, you'll look at various content creation methods like Google apps, blogs, podcasts, and videos, and think about who your audiences might be. Let's move beyond the basics and into the ever-expanding world of tech apps.

MIDDLE SCHOOL TECH APPS: GRADE 8*

In this course, you will get a guided tour through this towering technological landscape from hacking and hardware, understanding algorithms and basic cybersecurity, and even implementing powerful tools like Google apps. You will also improve your ability to type, code, and use audio and video editing software. In the end, you will learn all about how to be an effective and responsible digital citizen in a cyberworld that is only growing increasingly quick and complex.

MILITARY CAREERS*

You've probably seen an old movie about a hotshot naval aviator, or perhaps a more recent film about the daring actions of Special Forces operatives.
But do you really know what careers the military can offer you? Introduction to Military Careers will provide the answers. The military is far more diverse and offers many more career opportunities and tracks than most people imagine. In Introduction to Military Careers, you'll learn not only about the four branches of the military (and the Coast Guard) but also about the types of jobs you might pursue in each branch.

MUSIC APPRECIATION: THE ENJOYMENT OF LISTENING*

Music is part of everyday lives 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 will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

MYTHOLOGY & FOLKLORE: LEGENDARY TALES*

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

NATIONAL SECURITY*

In this course, you will learn the critical elements of this very important career, such as evaluating satellite information, analyzing training procedures, assessing military engagement, and preparing intelligence reports. In addition, you will gain a better understanding of appropriate responses to security threats and how best to coordinate information with other agencies.

NETWORK SECURITY FUNDAMENTALS 1A*

Learn what information security is, hackers, viruses, spyware, network systems, identifying potential vulnerabilities, protecting against attacks, and creating a disaster and response plan if breaches do occur.

NETWORK SECURITY FUNDAMENTALS 1B*

Explore cyber forensics, encryption, cryptography and cryptology, user and password management to mitigate large data breaches, and other threats, vulnerabilities, and security issues. Discover what it takes to enter this high-demand career field.

NUTRITION AND WELLNESS*

This course takes students through a comprehensive study of nutritional principles and guidelines. Students learn about worldwide views of nutrition, essential nutrient requirements, physiological processes, food labeling, weight management, healthy food choices, fitness, diet-related diseases and disorders, food handling, healthy cooking, nutrition for different populations, and more. Students gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

OFFICE ADMINISTRATION 1A*

Explore what it means to have effective verbal and written communication, speaking, and listening skills to work with diverse people and teams. Then dive into learning how to leverage various technology and software businesses use to stay connected and productive.

OFFICE ADMINISTRATION 1B*

You will explore the responsibilities of an administrative professional to understand what a typical workday looks like and even what goes into searching for an administrative professional role: searching, applying, and (the most exciting part!) securing.

OPERATIONAL CYBERSECURITY 1A*

In this course, you will assume your role as Chief Information Security Officer (CICO) responsible for a data network's design, maintenance, and end-user training. You will explore essentials of keeping networks safe and secure using cryptology, keys, and certificates before moving into the important practice of risk assessment. In the end, your attention will shift to mitigating and managing identified risks and working with key stakeholders to improve the organization's security posture and disaster response.

OPERATIONAL CYBERSECURITY 1B*

In this course, you will dive into data security in the workplace and will learn ways to mitigate cyber threats that lurk in dark corners. You will step into the familiar shoes of CISO, this time at a startup company, making decisions about access and authentication protocols, security planning, and expanding the business in a safe way. Lastly, you will explore real-world security breaches, how they were solved, and step-by-step instructions to setup robust security policies.

PEER COUNSELING*

Helping people achieve their goals is one of the most rewarding of human experiences. Peer counselors help individuals reach their goals by offering them support, encouragement, and resource information. This course explains the role of a peer counselor, teaches the observation, listening, and emphatic communication skills that counselors need, and provides basic training in conflict resolution, and group leadership. Not only will this course prepare you for working as a peer counselor, but the skills taught will enhance your ability to communicate effectively in your personal and work relationships.

PERSONAL PSYCHOLOGY 1*

In this course, you'll explore the broad scope of psychology from biology's impact on our psychological makeup to society's impact on who we become. You'll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You'll also explore clinical psychology and how people find treatment.

PERSONAL PSYCHOLOGY 2*

Why do you sometimes remember complex things but forget all of a sudden where you left your shoes? Why is your personality similar or different from your siblings? Why do some things motivate you more than others? Discover how you learn and remember, the impact of stress on your emotions and mental health, and what influences your personality and emotions.

PHILOSOPHY: THE BIG PICTURE*

This course will take you on an exciting adventure that covers more than 2,500 years of history! Along the way, you'll run into some very strange characters. For example, you'll read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions. You'll learn about another eccentric who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the most brilliant and influential thinkers of all time. As you learn about these great thinkers, you'll come to see how and where many of the most fundamental ideas of Western Civilization originated. You'll also get a chance to ask yourself some of the same questions these great thinkers pondered. By the time you've "closed the book" on this course, you will better understand yourself and the world around you...from atoms to outer space...and everything in between.

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES*

This 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. In this course, students apply understanding of ecosystems and systems thinking to the management of natural resources to maximize the health and productivity of the environment, agriculture, and communities. Students also analyze community practice or policy development related to sustainability in agriculture, food, and natural resources. Finally, students apply adaptive ecosystem management to a common pool resource problem in a manner that addresses ecological, socioeconomic, and institutional contexts.

PRINCIPLES OF BUSINESS, MARKETING, & FINANCE 1A*

Discover the fundamental knowledge that will help you pursue a career in business, as well as always generating interest and buzz around the products and

services offered. Explore different types of businesses and ownership forms, the impact of governments on business, and the marketing of goods and services. Learn about globalization, free trade, and various economic systems, as well as the impact of technology on business, business ethics, and social responsibility.

PRINCIPLES OF BUSINESS, MARKETING, & FINANCE 1B*

Take your knowledge of business basics, finance, and marketing to the next level. Learn how to create a marketing strategy that promotes and attracts customers in order to sell a product or service. Explore important basics of business finance, including accounting, budgeting, and investing. And learn what careers are available in business and the important employability skills you'll need to ace the interview and land the job!

PRINCIPLES OF INFORMATION TECHNOLOGY 1A*

Are you ready to develop your understanding of computers from the inside out? In this course, you will discover hardware and software options for a computer, how computers work together to create networks, and how the internet works. You will explore the major types of software categories you will need to know in most professional spaces including word processing, spreadsheets, and database information.

PRINCIPLES OF INFORMATION TECHNOLOGY 1B*

Now that you know the basic workings of a computer, it's time to put the computer to work! In this course, you will explore some of the basics of graphic design, web development languages, and coding. You will also learn about team building, communication and presentation software, and becoming a digital citizen, giving perspective on how to collaborate with others as you transition from school to the workplace. Lastly, you will uncover potential cyber threats and how to protect your own devices through features and behavior change before putting everything together in a culminating project: designing a website in Weebly. Let's get to work!

PRINCIPLES OF PUBLIC SERVICE: TO SERVE AND PROTECT*

Have you ever wondered who decides where to put roads? Or makes sure that someone answers the phone when you call 911? Or determines that a new drug is safe for the public? These tasks and many more are part of public service, a field that focuses on building healthy societies. Public service includes many different types of careers, but they all have in common the goal of working for others. This course will explore some of the most common career paths in public service.

RENEWABLE TECHNOLOGIES 1A* AND 1B*

Interested in transforming energy? With concerns about climate change and growing populations' effects on traditional energy supplies, scientists, governments, and societies are increasingly turning to renewable and innovative energy sources. In the Introduction to Renewable Technologies course, you'll learn all about the cutting-edge field of renewable energy and the exciting new technologies that are making it possible. You'll explore new ways of generating energy and storing that energy, from biofuels to high-capacity batteries and smart electrical grids. You'll also learn more about the environmental and social effects of renewable technologies and examine how people's energy decisions impact policies.

RESTAURANT MANAGEMENT*

Have you always dreamed of running your own restaurant? Maybe you want to manage a restaurant for a famous chef. What goes on beyond the dining room in a restaurant can determine whether a restaurant is a wild success or a dismal failure. In Restaurant Management, you'll learn the responsibilities of running a restaurant—from ordering supplies to hiring and firing employees. This course covers the different types of restaurants; managing kitchen and wait staff; food safety and hygiene; customer relations; marketing; using a point-of-sale system; scheduling employees; and dealing with difficult guests. Restaurant Management will prepare you for a steady career, whether you plan to buy a fast-food franchise, operate a casual sit-down restaurant, or oversee a fine-dining establishment.

PROFESSIONAL SALES AND PROMOTION 1A*

In this course, you'll learn about the bigger picture of the sales cycle. You'll examine the role of today's sales professional along with the skills and qualities needed for success, and you'll learn the ins and outs of the sales process and how it is driven by recognizing and responding to customer needs.

PROFESSIONAL SALES AND PROMOTION 1B*

In this course, you'll explore the power of promotion and how to rise to the ranks of an elite sales and

promotions rep. You'll dive into what it takes to be a stellar seller, how salespeople work together in teams to meet goals, and how the savviest sales managers employ proven sales methods mixed with technology, tools, and psychological insights to build and operate an efficient sales team.

PUBLIC SPEAKING 1A* AND 1B*

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.

** Students will need to be enrolled separately in each semester course.*

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. 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 some of the topics covered in this course.

ROBOTICS 1A*

Are you fascinated with how machines work? Robots are machines, and they are all around us, from helping doctors in surgeries to helping to keep our homes clean. Explore the physics, mechanics, motion, and the engineering design and construction aspects used to develop robots. Learn how models are created through both sketches and software. Discover STEM careers and the education needed to enter this high-demand field.

ROBOTICS 1B*

The robots have invaded... and they're here to make our lives easier. You've learned about the basics of robotics and STEM careers, but now we're going to learn about manipulating the physical world to create desired effects. In this course, you'll learn to manipulate electrical signals to create logic and memory, how to quantify the physical world through variables, and how to have an impact through tools. You'll discover how to choose the best tools and materials, how to create AI, and how to take an idea from initial planning to a completed project. Let's continue the pursuit of a career in robotics so the friendly invasion can thrive!

ROBOTICS 2A*

From outer space to the oceans and everywhere in between, robots are doing everything from solving complex problems to simply making daily life easier. However, there has to be a beautiful mind behind the machine, and this is where you come in! In this course, you will identify a problem and using the skills you've learned, you will apply the principles of engineering and robotics to design an innovative robot to solve the problem. Robotics engineers are problem solvers; are you ready to step up?

ROBOTICS 2B*

You have learned how to think like a robotics engineer, and now, it's time to design and build like one to breathe life into your machine. In this course, you'll explore how to add more complexity to your creations to make them more efficient, capable, and better able to handle advanced tasks. You will also learn how models and simulations can enhance robotic development and construction. After a real-world safety review, a deeper dive into advanced applications and systems, and improving your prototype, you'll finalize and launch your robot.

SOCIAL MEDIA: OUR CONNECTED WORLD*

Have an Instagram account? What about X? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on various social media platforms is crucial in order to survive and thrive in this age of digital communication. In this course, you'll learn the ins and outs of social media platforms such as Facebook, X, Pinterest, and more. You'll also discover other types of social media you may not have been aware of and how to use them for your benefit—personally, academically, and eventually professionally as well. If you thought social media

platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.

Students will need a social media account to complete this course; please consider state guidelines regarding age restrictions when enrolling students.

SOCIAL PROBLEMS 1: A WORLD IN CRISIS*

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments, and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally, but also begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

SOCIAL PROBLEMS 2: CRISIS, CONFLICTS & CHALLENGES*

This course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments, and the individual.

SOCIOLOGY 1*

Human beings are complex creatures, and when we interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be "human"? Examine answers to these questions and many more as you explore culture, group behavior, and societal institutions and how they affect human behavior.

SOCIOLOGY 2*

Have you ever looked at your social media feed and wondered why there is always so much fighting over social issues? Discover how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Investigate how our lives are shaped by entertainment, social institutions, and social change.

SPORTS & ENTERTAINMENT MARKETING 1A*

The bright lights. The roaring crowds. The chants and cheers and applause. If you are drawn to the electricity of large events and the challenge of making events successful, a career in sports and entertainment marketing may be for you! In this course, you will trace the development of these industries, dissect their dual nature, and discover what it takes to pitch, promote, and deliver on these services. You 'll also explore the necessary steps to chart your own career path from among the professional roles that these industries need to operate. Let's get off the sidelines and hop into the primetime of the sporting and entertainment worlds!

SPORTS & ENTERTAINMENT MARKETING 1B*

Get ready to drop your spectator status for an all-access pass to enter the exciting world of sports and entertainment marketing! In this course, you'll secure a solid foundation of effective marketing by studying the different roles and levels and how they relate to one another. Then, you'll explore the modern marketing methods professionals use to take an event concept and make it successful. Finally, you'll get up to speed on industry terminology and touchpoints with the help of HR. Get ready to flash that pass and gain all-star access to the stage and arena!

SPORTS MEDICINE 1A: INTRODUCTION*

What do you think of when you hear the phrase "sports medicine professional"? Believe it or not, the term encompasses a much larger range of career options than jobs typically associated with this field. Explore some of the most popular career pathways, day-to-day responsibilities, emergency care for athletes, and legal obligations. Discover what nutrition, healthy lifestyle, and fitness truly mean, and dive into anatomy, human biomechanics, and exercise modalities. Learn how to get started in this exciting field.

SPORTS MEDICINE 1B: INJURY PREVENTION*

You've warmed up those muscles and stretched your understanding of basic human biomechanics, but now

it's time to power forward your learning even further! In Sports Medicine 1b: Injury Prevention, you'll expand your understanding of the human body to provide a greater context for injury in a variety of scenarios. You'll learn how to evaluate an injury, onsite tests to perform, and when to refer a patient to a medical professional. You'll also explore the anatomy of specific body areas to better understand injuries that may occur as well as ways to prevent injury. Are you ready to keep athletes functioning at peak levels? Grab your sports tape and let's hit the field of sports medicine!

SPORTS MEDICINE 2A: WORKING WITH CLIENTS*

You've learned the basics about how the body works and how to attend to athletes' injuries, but now, it's time to get personal! Time to personalize and plan for clients, that is! In this course, you will learn to develop dietary and exercise regimes for clients based on their needs and goals. You'll even have an opportunity to turn plans into action by designing workouts for your own example gym.

SPORTS MEDICINE 2B: PERSONALIZING YOUR PRACTICE*

"Five, four, three, two, one—rest." You've learned what it looks like to work one-on-one with clients as a sports medicine professional, and now it's time to focus on the group. In this course, you will be introduced to teaching group exercise classes and providing rehabilitation services to clients facing injury and disease. You will also learn about laws that govern the work of sports medicine professionals, business concerns like insurance and staffing, and what you need to consider if you start your own fitness facility.

THEATER, CINEMA, & FILM PRODUCTION 1A* AND 1B*

Lights! Camera! Action! Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life!

** Students will need to be enrolled separately in each semester course.*

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. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases andtreatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but sometimes humans as well! Through veterinarymedicine and science, the prevention and treatment ofdiseases and health issues is studied and applied.

WEB DEVELOPMENT 2A*

You'll hit the ground running with the Agile methodology of software development and how it plays into leadership and teamwork amongst developers. You'll also approach web development from the user's perspective, and you'll learn to speak the language of JavaScript to enhance your web development efforts. Your efforts will commence in a professional portfolio that will allow you to experience GitHub to display your work.

WEB DEVELOPMENT 2B*

In this course, you'll explore topics and hone skills to help you perfect your portfolio so it's ready to share with future employers. You'll discover common coding errors and security threats, website accessibility and reliability, and become more fluent and efficient in JavaScript. You'll also learn how to make on-the-job choices and adjustments andrefine communication with your clients. In the end, you'll turn your website into a presentation to share with friends and family so you can showcase your achievements.

WOMEN'S STUDIES: A PERSONAL JOURNEY THROUGH FILM*

Break down stereotypes and learn about feminism and the women's movement. Learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, "History is Herstory too."

WORLD RELIGIONS: EXPLORING DIVERSITY*

Throughout the ages, religions from around the world 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 Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

**All eDynamic Learning electives are one-semester courses.*

Health and Fitness Electives

Imagine Learning partners with Carone Learning to offer an extensive catalog of one-semester health and fitness electives through our Instructional Services group. These courses are subscription-based and priced separately by enrollment.

TO LEARN MORE ABOUT IMAGINE LEARNING'S INSTRUCTIONAL SERVICES OFFERING, PLEASE VISIT
https://www.imaginelearning.com/services/instructional-services/6-12-certified-teaching-services/

ADAPTIVE PE*

This course allows for customized exercise requirements based on a student's situation. In addition, students learn the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students research the benefits of physical activity and the techniques, principles, and guidelines of exercise to keep them safe and healthy.

ADVANCED PE 1* & 2*

This two-semester course guides students through an in- depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly. Basic anatomy, biomechanics, and physiology will serve as a foundation for students to build effective exercise programs. The study of nutrition and human behavior is also an integral part of the course. Students conduct fitness assessments and participate in weekly physical activity. These courses are recommended for grades 10–12.

ANATOMY*

In this course, students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study the main systems of the body—including skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems. In addition to identifying the bones, muscles, and organs, students will study the structure of cells and tissues within the body.

** This course is recommended for grades 10–12.*

COMPREHENSIVE PE*

In this course, students will explore concepts involving personal fitness, team sports, dual sports, and individual and lifetime sports. Students will focus on health-related fitness as they set goals and develop a program to improve their fitness level through cardio, strength, and flexibility training. In addition, they will learn about biomechanics and movement concepts as they enhance their level of skill-related fitness. Students will learn about game play concepts and specifically investigate the rules, guidelines, and skills pertaining to soccer, softball, volleyball, tennis, walking and running, dance, and yoga. Students take a pre- and post-fitness assessment. Throughout this course, students also participate in a weekly fitness program involving elements of cardio, strength, and flexibility, as well as participating in a variety of dual, individual, and group sport activities.

CREDIT RECOVERY HEALTH*

This is a reduced-workload course that covers the main aspects of physical, social, and mental health. Additional topics of study include decision-making, reproductive health, disease transmission, substance abuse, safety and injury prevention, environmental health, and consumer health.

CREDIT RECOVERY PE 1* & 2*

Credit Recovery PE is ideal for students who have had prior exposure to physical education yet were unable to receive credit for their previous work. These courses contain all the essential content with reduced coursework. Students learn about the FITT principles, the components of physical fitness, and the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Students participate in weekly physical activity throughout the courses.

This course can be completed in 6–8 weeks.

DRUGS & ALCOHOL*

This course delves into the types and effects of drugs, including alcohol, tobacco, steroids, over-the-counter drugs, marijuana, barbiturates, stimulants, narcotics, and hallucinogens. Students learn about the

physiological and psychological effects of drugs, as well as the rules, laws, and regulations surrounding them. The difference between appropriate and inappropriate drug use will also be discussed. In addition, students will learn about coping strategies, healthy behaviors, and refusal skills to help them avoid and prevent substance abuse, as well as available resources where they can seek help.

EXERCISE SCIENCE*

This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly and how to motivate themselves and others. Basic anatomy, biomechanics, and physiology will serve as a foundation for students to build effective exercise programs. The study of nutrition and human behavior is also an integral part of the course to enhance the student comprehension of this multifaceted subject.

This course is recommended for grades 10–12.

FAMILY & CONSUMER SCIENCES*

This course prepares students with a variety of skills for independent or family living. Topics covered include childcare, home maintenance, food preparation, money management, medical management, clothing care, and more. The course also focuses on household, personal, and consumer health and safety. In addition, students learn goal-setting and decision-making skills, as well as explore possible career options.

FAMILY LIVING*

In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life—including information on self-discovery, family, friendships, dating and abstinence, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development, from infancy to adulthood. The course also focuses on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.

FIRST AID & SAFETY*

In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety ofemergency situations. They also learn the procedures for choking and CPR for infants, children, and adults. In additionto emergency response, students will explore personal, household, and outdoor safety and disaster preparedness.

FITNESS FUNDAMENTALS I*

This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre- and post-fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

FITNESS FUNDAMENTALS II*

This course takes a more in-depth look at the five components of physical fitness touched on in Fitness Fundamentals I: muscular strength, endurance, cardiovascular health, flexibility, and body composition. This course allows students to discover new interests as they experiment with a variety of exercises in a non-competitiveatmosphere. By targeting different areas of fitness, studentsincrease their understanding of health habits and practices and improve their overall fitness level. Students take a pre- and post-fitness assessment. Throughout this coursestudents also participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

HOPE 1* & 2*

This two-semester combined health and PE course is based on the Florida course requirements for a health/PE course. Throughout the course, students learn about the various realms of health and how they affect each other. In addition to focusing on mental, social, and physical health, students also learn about consumer andenvironmental health, personal safety, drugs and alcohol, and reproductive health. Students also engage in a fitnessprogram assessing and analyzing their fitness level, settinggoals, establishing a fitness schedule, and engaging in weekly physical activity. This comprehensive

health course is designed for middle school students. It covers basic information about body systems, disease, and hygiene. Students explore the various realms of health, including mental, social, and emotional health. In addition, students learn important life skills such as decision-making and refusal skills.

INTRO TO COACHING*

This course focuses on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, sports nutrition, and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision-making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching skills.

INTRO TO INDIVIDUAL SPORTS 1 & 2*

This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, dance, biking, swimming, and cross-training. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about the components of fitness, FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.

FLEXIBILITY TRAINING*

This course focuses on the often-neglected fitness component of flexibility. Students establish their fitness level, set goals, and design their own flexibility training program. They study muscular anatomy and learn specific exercises to stretch each muscle or muscle group. Studentsfocus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles to flexibility training. This course explores aspects of static, isometric, and dynamic stretching and also touches on aspects of yoga and Pilates. In addition,this course discusses good nutrition and effective cross-training. Students conduct fitness assessments and participate in weekly physical activity.

GROUP SPORTS*

This course provides students with an overview of group sports. Students learn about a variety of sports and do anin-depth study of soccer, basketball, baseball/softball, andvolleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct fitness assessments and participate in weekly physical activity.

HEALTH & PERSONAL WELLNESS*

This comprehensive health course provides students with essential knowledge and decision-making skills for ahealthy lifestyle. Students analyze aspects of emotional,social, and physical health and how these realms of health influence each other. Students apply principles of health and wellness to their own lives. In addition, they study behavior change and set health goals to work on throughout the semester. Additional topics of study include healthy relationships, reproductive health, disease transmission, substance abuse, safety and injury prevention, environmental health, and consumer health.

HEALTH CAREERS*

In Health Careers 1, students explore a variety of career options related to the health care field, including medicine, nursing, physical therapy, pharmacy, dental careers, sports medicine, personal training, social work, psychology, and more. Students will learn about various options within each field, what each of these jobs entails, and the education and knowledge required to be successful. In addition, they will focus on basic job skills and information that would aid them in health care and other career paths.

MIDDLE SCHOOL HEALTH*

This comprehensive health course is designed for middle school students. It covers basic information about body systems, disease, and hygiene. Students explore the various realms of health, including mental, social, and emotional health. In addition, students learn important life skills such as decision-making and refusal skills.

MIDDLE SCHOOL INTRO TO INDIVIDUAL SPORTS 1* & 2*

This course provides students with an overview of individual sports. Students learn about a variety of sports, yet do an in-depth study of running, walking, strength training, yoga, dance, biking, swimming, and cross-training. Students learn not only the history, rules, and guidelines of each sport, but practice flexibility.

LIFE SKILLS*

This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives, including personal nutrition and fitness skills, time and stress management, communication and healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students explore possible colleges and careers that match their needs, interests, and talents.

LIFETIME & LEISURE SPORTS*

This course provides students with an overview of lifetime dual and individual sports. Students learn about a variety of sports, and do an in-depth study of martial arts, Pilates, fencing, gymnastics, and water sports. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the components of fitness, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

MIDDLE SCHOOL FITNESS BASICS 1* & 2*

This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre- and post-fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students research the benefits of physical activity, as well as the techniques, principles, and guidelines of exercise to keep them safe and healthy. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

MIDDLE SCHOOL INTRO TO GROUP SPORTS 1* & 2*

This course provides students with an overview of group sports. Students learn about a variety of sports, and an in-depth study of soccer of basketball in Intro to Group Sports 1 and baseball/ softball and volleyball in Intro to Group Sports 2. Students learn the history, rules, and guidelines of each sport, as well as game strategy and the benefits of sports. In addition, students study elements of personal fitness, goal setting, sport safety, and sports nutrition. Students conduct a pre- and post-fitness assessment, as well as participate in regular weekly physical activity as they practice skills related to group sports.

OUTDOOR SPORTS*

This course provides students with an overview of dual and individual outdoor sports. Students learn about a variety of sports, and do an in-depth study of hiking, orienteering, golf, and beach volleyball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to many of these sports. Students also learn the FITT principles, benefits of fitness, and safety and technique. Students conduct fitness assessments, set goals, and participate in weekly physical activity.

PERSONAL HEALTH AND FITNESS*

This course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. In addition, students will assess and evaluate their fitness levels, set goals for improvement, and design a personal fitness program. Other topics of study include substance abuse, safety and injury prevention, and nutrition. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

PERSONAL TRAINING CONCEPTS*

This course examines basic concepts in fitness that are important for personal fitness, as well as necessary foundational information for any health or exercise career field. Areas of study include musculoskeletal anatomy and physiology, terms of movement, basic biomechanics, health-related components of fitness, FITT principles, functional fitness skills, safety and injury prevention, posture and technique, nutrition, and weight management.

Additional Information

This course is a good preparatory course for students interested in or wishing to pursue a career in health, sports, or fitness. It provides fundamental information about health and fitness that would be necessary for any fitness career field.

This course can be used for students with physical limitations who need PE credit and are unable to participate in regular exercise, as it does NOT require students to participate in a regular exercise program.

PERSONAL TRAINING CAREER PREP*

This course examines the role and responsibilities of a personal trainer. Students will learn the steps to become a personal trainer, including performing fitness assessments, designing safe and effective workouts, and proper nutrition principles. Concepts of communication and motivation will be discussed, as well as exercise modifications and adaptations for special populations. Students will also examine certification requirements, business and marketing procedures, and concerns about liability and ethics. In addition, throughout the course students will be able to explore various exercises, equipment, and tools that can be used for successful personal training.

This course is recommended for grades 10–12. Personal Training Concepts is a recommended prerequisite to this course.

PHYSIOLOGY*

In this course, students will examine the functions of the body's biological systems—including skeletal, muscular, circulatory, respiratory, digestive, endocrine, nervous, and reproductive systems. In addition to understanding the function of each system, students will learn the function of cells, blood, and sensory organs, as well as study DNA, immunity, and metabolic systems.

This course is recommended for grades 10–12. Anatomy is a recommended prerequisite.

RUNNING*

This course is appropriate for beginning, intermediate, and advanced runners and offers a variety of training schedules for each. In addition to reviewing the fundamental principles of fitness, students learn about goals and motivation, levels of training, running mechanics,safety and injury prevention, appropriate attire, running in the elements, good nutrition and hydration, and effective cross-training. While this course focuses mainly on running for fun and fitness, it also briefly explores the realm of competitive racing. Students conduct fitness assessments and participate in weekly physical activity.

SPORTS OFFICIATING*

In this course, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, and football. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sport official plays in maintaining fair play.

STRENGTH TRAINING*

This course focuses on the fitness components of muscular strength and endurance. Students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload and strength training. This course also discusses good nutrition and effective cross-training.

Students take a pre- and post-fitness assessment Students conduct fitness assessments and participate in weekly physical activity.

This course is recommended for grades 10–12.

WALKING FITNESS*

This course helps students establish a regular walking program for health and fitness. In addition to reviewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutritionand hydration, and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving walking as well as elements of resistance training and flexibility.

**Courses marked with an asterisk are one-semester courses.*

Driver's Education Online Courses

In partnership with Aceable/DriversEd.com, Imagine Edgenuity offers online driver's education for students in Arizona, California, Colorado, Georgia, Idaho, Indiana, Nevada, New Jersey, Ohio, Pennsylvania, and Wisconsin. These courses run on a separate third-party learning management system.

HOW DOES ONLINE DRIVER'S EDUCATION WORK?

The lessons students learn in this course will help keep them safe behind the wheel for a lifetime. With rigorous and engaging instruction and activities, this course keeps students focused while they learn the rules of the road and includes:

- Interactive lessons
- Driver training guides
- Teaching videos and 3D animations
- Case studies and notes
- Dozens of practice tests

Course materials are accessible through a third-party, user-friendly LMS and on all devices. Course progress is automatically saved so students can pick up right where they left off. Once they've finished the course, students can take their final test online, and after passing it, will earn their Certificate of Completion from an appropriately licensed school.

Driver's Ed Online Courses

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