



Florida Courseware Courses

Math

AP® Calculus A/B

AP® Calculus grounds the study of calculus in real-world scenarios and integrates it with the four STEM disciplines. The first semester covers functions, limits, derivatives and the application of derivatives. The course goes on to cover differentiation and antidifferentiation, applications of integration, inverse functions, and techniques of integration. This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® Calculus AB A/B (Apex)

AP® Calculus is a two-semester course where students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP® Calculus A/B prepares students for the AP® exam and further studies in science, engineering, and mathematics.

The materials needed for this course include a graphing calculator, recommend TI-83 or equivalent.

This course was originally created for Apex Courses and is now available in Courseware.

This course has been authorized by the College Board® to use the AP designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® Statistics A/B (Apex)

AP® Statistics is a two-semester course that gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP® Statistics prepares students for the AP® exam and for further study in science, sociology, medicine, engineering, political science, geography, or business.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.

This updated course was originally created for Apex Courses and is now available in Courseware.

Accelerate to Algebra 1

Accelerate to Algebra 1 is a short course designed to prepare students for success in Algebra 1. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Algebra 2



Accelerate to Algebra 2 is a short course designed to prepare students for success in Algebra 2. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Florida Algebra 1

Accelerate to Florida Algebra 1 is a short course designed to prepare students for success in Algebra 1 aligned to Florida Standards. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Florida Algebra 2

Accelerate to Florida Algebra 2 is a short course designed to prepare students for success in Algebra 2 aligned to Florida Standards. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques for representing relationships and use these relationships to solve problems. Students will also explore how statistics and probability can be used to draw conclusions and make predictions.

Accelerate to Florida Geometry

Accelerate to Florida Geometry is a short course designed to prepare students for success in Geometry aligned to Florida Standards. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques to rewrite and solve expressions and equations. Students will also explore simple probability and revisit fundamental geometric relationships.

Accelerate to Geometry

Accelerate to Geometry is a short course designed to prepare students for success in Geometry. It focuses on reviewing the essential skills and mathematical concepts that serve as the foundation for upcoming learning. Students will apply their understanding of algebraic techniques to rewrite and solve expressions and equations. Students will also explore simple probability and revisit fundamental geometric relationships.

Algebra I A/B

Algebra I is a two-semester course that is 100% aligned to the Common Core standards. The course is designed to help students develop computational fluency, deepen their conceptual understanding, and apply mathematical processes. Students will create, graph, and solve linear equations and systems of equations, as well as model statistical data. They will also add, multiply, and factor polynomials; solve quadratic equations using a variety of methods; model real-world situations with quadratic and exponential functions; compare different function types graphically and algebraically; and represent, analyze, and compare data sets. The course supports student learning through guided instruction, interactive tools, videos that work through examples and model problem-solving skills, worksheets for practice, and guided notes that help students record key takeaways as they move through the content.

There are no required materials for this course.

This course features career exploration powered by Roadtrip Nation.

Algebra I A/B (Apex)

Algebra I builds students' command of linear, quadratic, and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include problem solving with basic equations and formulas; an introduction to functions and problem



solving; linear equations and systems of linear equations; exponents and exponential functions; sequences and functions; descriptive statistics; polynomials and factoring; quadratic equations and functions; and function transformations and inverses. This course supports students as they develop computational fluency, deepen conceptual understanding, and apply mathematical knowledge. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment.

A range of activities allow students to think mathematically in a variety of scenarios and tasks. In discussion activities, students exchange and explain their mathematical ideas. Modeling activities ask them to analyze real-world scenarios and mathematical concepts. Journaling activities have students reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. And in performance tasks, students synthesize their knowledge in novel, real-world scenarios, make sense of multifaceted problems, and persevere in solving them. This course is built to state standards. Throughout the course, students are evaluated by a variety of assessments designed to prepare them for the content, form, and depth of state exams.

There are no required or optional materials.

This updated course was originally created for Apex Courses and is now available in Courseware.

Algebra I-A

Algebra I-A is a two-semester course designed to cover the first half of a traditional year-long Algebra I course. The course is designed to offer focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. Additionally, the look and feel for the course were inspired by educator feedback.

There are no required materials for this course.

Algebra I-A A/B

Algebra I-A is a two-semester course designed to cover the first half of a traditional year-long Algebra I course. The course is designed to offer a focused exploration of topics, making concepts more digestible for students. Practice questions are included with each lesson, with technology-enhanced items and explanations to assist students in understanding the concepts. Features to support student mastery include practice worksheets and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills and to prepare for greater success by highlighting common misunderstandings and articulating the big ideas that underpin learning. Additionally, the look and feel of the course were inspired by educator feedback.

There are no required materials for this course.

Algebra I-B

Algebra I-B is a two-semester course designed to offer focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. Scaffolding pieces are included throughout the course to provide learners with opportunities to



build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. Additionally, the look and feel for the course were inspired by educator feedback.

There are no required materials for this course.

Algebra I-B A/B

Algebra I-B is a two-semester course designed to provide focused exploration of topics, making concepts more digestible for students. Practice questions are included with each lesson, with technology-enhanced items and explanations to assist students in understanding the concepts. Features to support student mastery include practice worksheets and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills and to prepare for greater success by highlighting common misunderstandings and articulating the big ideas that underpin learning. Additionally, the look and feel of the course were inspired by educator feedback.

There are no required materials for this course.

Algebra II A/B

Algebra II is a two-semester course that is 100% aligned to the Common Core Standards. The course is designed to help students build upon their algebraic reasoning, deepen their conceptual understanding, and apply mathematical processes. Students will expand their skills to include polynomial, radical, exponential, logarithmic, and rational expressions and equations. They will analyze the key features of their related functions, as well as piecewise and trigonometric functions, and use these to model real-world situations. In addition, students will make inferences from data as they investigate statistical sampling.

There are no required materials for this course.

This course features career exploration powered by Roadtrip Nation.

Algebra II A/B (Apex)

Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define those functions. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include quadratic equations and functions; polynomial functions; rational expressions and functions; radical expressions and functions; exponential and logarithmic functions; trigonometric functions; modeling with functions; probability and inferential statistics; probability distributions; and sampling distributions and confidence intervals.

This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Bridge Math A/B (Apex)



Bridge Math is a two-semester course. Bridge Math is a fourth year math course that focuses on reinforcing core concepts from Algebra I, Geometry and Algebra II. Bridge Math is intended for students who need to review concepts before continuing their studies. It starts with a review of algebraic concepts before moving on to a variety of key algebraic, geometric, statistical, and probability concepts. Course topics include rational and irrational numbers, systems of linear equations, quadratic functions, exponential functions, triangles, coordinate geometry, solid geometry, conditional probability, independence, data analysis, scatterplots, and linear and non-linear models of data. Throughout the course, students hone their computational skills and extend their knowledge through problem solving and real-world applications. Within each Bridge Math lesson, students are supplied with scaffolded note-taking study guides and are given ample opportunity to practice computations in low-stakes Checkup activities before moving on to formal assessment. Additionally, students will have the opportunity to formulate and justify conclusions as they extend and apply concepts through printable exercises and "in-your-own-words" interactive activities.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Consumer Mathematics

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

This course features career exploration powered by Roadtrip Nation.

Financial Mathematics A/B

Financial Algebra is designed to instruct students in algebraic thinking while also preparing them to navigate a number of financial applications. Students will explore how algebraic knowledge is connected to many financial situations, including investing, using credit, paying taxes, and shopping for insurance. In studying these topics, students will learn about the linear, exponential, and quadratic relationships that apply to financial applications. In addition, the course will help prepare students to tackle the wide variety of financial decisions they will face in life, from setting up their first budget to planning for retirement.

This course features career exploration powered by Roadtrip Nation.

Florida Algebra 1 A/B

Florida Algebra 1 is a completely re-designed course that offers 100% alignment to the Florida B.E.S.T. Standards for Mathematics. In addition to the emphasis on alignment, the lessons in the new course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. Additionally, the look and feel for the course were inspired by educator feedback. Florida Algebra 1 reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design.

Florida Algebra 1-A A/B

Florida Algebra 1-A is a newly designed course that covers the first half of a traditional year-long Algebra 1 course and offers 100% alignment to the Florida B.E.S.T. Standards for Mathematics. In addition to the emphasis on alignment, the lessons in the new course are designed to offer focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also



built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. Additionally, the look and feel for the course were inspired by educator feedback. Florida Algebra 1-A reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design.

Florida Algebra 1-B A/B

Florida Algebra 1-B is a newly designed course that covers the second half of a traditional year-long Algebra 1 course and offers 100% alignment to the Florida B.E.S.T. Standards for Mathematics. In addition to the emphasis on alignment, the lessons in the new course are designed to offer focused exploration of topics to make concepts more digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with more interactive lessons and videos that work through examples and model problem-solving skills. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. Additionally, the look and feel for the course were inspired by educator feedback. Florida Algebra 1-B reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design.

Florida Algebra 2 A/B

Florida Algebra 2 is a completely re-designed course that offers 100% alignment to the Florida B.E.S.T. Standards for Mathematics. In addition to the emphasis on alignment, the lessons in the new course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. Additionally, the look and feel for the course were inspired by educator feedback. Florida Algebra 2 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Florida Financial Algebra A/B

Florida Financial Algebra is designed to instruct students in algebraic thinking while also preparing them to navigate a number of financial applications. Students will explore how algebraic knowledge is connected to many financial situations, including investing, using credit, paying taxes, and shopping for insurance. In studying these topics, students will learn about the linear, exponential, and quadratic relationships that apply to financial applications. In addition, the course will help prepare students to tackle the wide variety of financial decisions they will face in life, from setting up their first budget to planning for retirement.

Florida Geometry A/B

Florida Geometry is a completely re-designed course that offers 100% alignment to the Florida B.E.S.T Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering a focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforced connections. Practice questions are included with each lesson, including



technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating th'se big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Florida Geometry reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Florida M/J Grade 6 Mathematics A/B

Florida M/J Grade 6 Mathematics delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. Course topics include ratios and rates, fraction and decimal operations, and signed numbers. Students continue to build their algebra skills by plotting points in all four quadrants of the coordinate plane and solving equations and inequalities. Geometry topics include area, surface area, and volume, and statistical work features measures of center and variability, box plots, dot plots, and histograms. The two-semester course is arranged in themed units, each with three to five lessons. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. By constantly honing the ability to apply their knowledge in abstract and real-world scenarios, students build the depth of knowledge and higher-order skills required to demonstrate their mastery when put to the test. This course is built to state standards.

Florida M/J Grade 7 Mathematics A/B

Florida M/J Grade 7 Mathematics delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. Throughout the course, students gain a deep understanding of proportions and their use in solving problems. They extend their fluency with operations on rational numbers and translate among different forms of rational numbers. Algebra topics include simplifying and rewriting algebraic expressions and solving more complex equations and inequalities. Students also sketch geometric figures and explore scale drawings, investigate circle properties and angle relationships, and deepen their understanding of area, volume, and surface area. They see how statistics uses sample data to make predictions about populations and compare data from different data sets. Students gain a fundamental understanding of probability and explore different ways to find or estimate probabilities. The two-semester course is arranged in themed units, each with three to five lessons. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. By constantly honing the ability to apply their knowledge in abstract and real-world scenarios, students build the depth of knowledge and higher-order skills required to demonstrate their mastery when put to the test. This course is built to state standards.

Florida M/J Pre-Algebra A/B

Florida M/J Pre-Algebra delivers instruction, practice, and review designed to develop computational fluency, deepen conceptual understanding, and apply mathematical practices. In this course, students focus on understanding functions — what they are, how to represent them in different ways, and how to write them to model mathematical and real-world situations. In particular, students investigate linear functions by learning about slope and slope-intercept form. Students' understanding of linear functions is extended to statistics, where they make scatter plots and use linear functions to model data. They solve linear equations and equations involving roots and explore systems of linear equations. Additional topics include exponents, powers of ten, scientific notation, and irrational numbers. Students learn about



transformations and extend that understanding to an investigation of congruence and similarity. Other geometric concepts explored include the Pythagorean theorem, angle relationships, and volumes of cylinders, cones, and spheres. The two-semester course is arranged in themed units, each with three to five lessons. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. By constantly honing the ability to apply their knowledge in abstract and real-world scenarios, students build the depth of knowledge and higher-order skills required to demonstrate their mastery when put to the test. This course is built to state standards.

Florida Mathematics for College Algebra A/B

Florida Mathematics for College Algebra is a newly designed course that is 100% aligned to the Florida B.E.S.T. Standards for Mathematics. The course is a comprehensive review of mathematical concepts designed to prepare students for college algebra. It includes concepts from algebra, advanced algebra, geometry, and statistics and teaches them as interrelated disciplines. Students will likely have studied many of the topics that are presented, but some topics might be new to them. The course and its elements are designed to help students learn in a multifaceted but direct way. Many lessons include one or more lesson activities that use a scaffolded inquiry approach to enable students to develop their own initial understanding of the content. Features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Additionally, the look and feel for the course were inspired by educator feedback. Florida Algebra 2 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Florida Mathematics for College Liberal Arts A/B

Mathematics for College Liberal Arts provides a math curriculum focused on developing the mastery of skills identified as critical to postsecondary readiness in math. This elective is aligned with Florida's Benchmarks for Excellent Student Thinking (B.E.S.T.) in mathematics and emphasizes instruction with applicability in real-world context. Course topics include a review of algebra concepts; functions and sequences; systems of equations; data and mathematical modeling; descriptive statistics; logic and reasoning; geometric principles of measurement and congruency, and applications of probability. A variety of activities allow for students to think mathematically in a variety of scenarios and tasks. In Discussions, students exchange and explain their mathematical ideas. Modeling activities ask them to analyze real-world scenarios and mathematical concepts. Journaling activities have students reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. And in Performance Tasks, students synthesize their knowledge in novel, real-world scenarios, make sense of multifaceted problems, and persevere in solving them. The course is built to Florida Benchmarks for Excellent Student Thinking (B.E.S.T.).

Florida Mathematics for Data and Financial Literacy A/B

Mathematics for Data and Financial Literacy provides a math curriculum focused on developing the mastery of skills identified as critical to postsecondary readiness in math. This elective is aligned with Florida's Benchmarks for Excellent Student Thinking (B.E.S.T.) in mathematics and emphasizes mathematical literacy and communication of essential principles. Course topics include a review of algebra concepts; functions and sequences; systems of equations; rates, ratios, and proportions; types of interest; data representation and analysis; taxes and money management; credit, loans, and payment; and real-world financial literacy and planning. A variety of activities allow for students to think mathematically in a variety of scenarios and tasks. In Discussions, students exchange and explain their mathematical ideas. Modeling activities ask them to analyze real-world scenarios and mathematical concepts. Journaling activities have students reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. And in Performance Tasks, students synthesize their knowledge in novel, real-world scenarios, make sense of multifaceted problems, and persevere in solving them. The course is built to Florida Benchmarks for Excellent Student Thinking (B.E.S.T.).



Fundamental Math A/B (Apex)

Fundamental Math explores foundational concepts in math. Students master basic skills and extend their knowledge as they prepare for more advanced work. Topics include basic number concepts such as whole numbers, counting, place value, rounding, exponents, and negative numbers; addition and subtraction; and multiplication and division. The course also covers fractions, operations with fractions, decimals, percents, ratios, problem solving, basic concepts in geometry, and measuring shapes.

This course is built to National Council of Teachers of Mathematics (NCTM) standards and is aligned to state standards. *This updated course was originally created for Apex Courses and is now available in Courseware.*

Geometry A/B

Geometry is a two-semester course that is 100% aligned to the Common Core Standards. The course is designed to help students develop computational fluency, deepen their conceptual understanding, and apply mathematical processes. Students will investigate and prove theorems about lines, angles, triangles, parallelograms, and other polygons; build geometric constructions; and investigate rigid and non-rigid transformations of figures on the coordinate plane. They will also explore right triangles, trigonometry, and properties of circles; apply geometric concepts to probability; and measure surface area and volume of geometric solids to model and solve real-world problems. The course supports student learning through guided instruction, interactive tools, videos that work through examples and model problem-solving skills, worksheets for practice, and guided notes to help students record key takeaways as they move through the tutorial.

There are no required materials for this course.

This course features career exploration powered by Roadtrip Nation.

Geometry A/B (Apex)

Geometry builds upon students' command of geometric relationships and formulating mathematical arguments. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include reasoning, proofs, and the creation of sound mathematical arguments; points, lines, and angles; triangles and trigonometry; quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three-dimensional solids; and applications of probability.

This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.

This updated course was originally created for Apex Courses and is now available in Courseware.

Introductory Algebra A/B (Apex)

Introductory Algebra provides a curriculum focused on foundational concepts that prepare students for success in Algebra I. Through a "Discovery-Confirmation-Practice"-based exploration of basic concepts, students are challenged to work toward a mastery of computational skills, to deepen their understanding of key ideas and solution strategies, and to extend their knowledge through a variety of problem-solving applications.

Course topics include integers; the language of algebra; solving equations with addition, subtraction, multiplication, and division; fractions and decimals; measurement; exponents; solving equations with roots and powers; multi-step



equations; and linear equations.

Within each lesson, students are supplied with a scaffolded note-taking guide, called a study sheet, as well as a post-study checkup activity that provides them the opportunity to hone their computational skills by working through a low-stakes, 10-question problem set before starting formal assessment. Unit-level assessments include a computer-scored test and a scaffolded, teacher-scored test.

This course is built to state standards and informed by the National Council of Teachers of Mathematics (NCTM).

This updated course was originally created for Apex Courses and is now available in Courseware.

Liberal Arts Mathematics 1 A/B (Apex)

Liberal Arts Mathematics 1 is a two-semester course. This course starts with a review of problem-solving skills before moving on to a variety of key algebraic, geometric, and statistical concepts. Throughout the course, students hone their computational skills and extend their knowledge through problem solving and real-world applications. Students will learn problem solving; real numbers and operations; functions and graphing; systems of linear equations; polynomials and factoring; geometric concepts such as coordinate geometry and properties of geometric shapes; and descriptive statistics.

Within each Liberal Arts Mathematics 1 lesson, students are supplied with a scaffolded note-taking guide, called a Study Sheet, and are given ample opportunity to practice computations in low-stakes Checkup activities before moving on to formal assessment. Additionally, students will have the opportunity to formulate and justify conclusions as they extend and apply concepts through printable exercises and "in-your-own-words" interactive activities.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Liberal Arts Mathematics 2 A/B (Apex)

Liberal Arts Mathematics 2 is a two-semester course. This course starts with a review of algebraic concepts before moving on to a variety of key algebraic, geometric, statistical and probability concepts. Throughout the course, students hone their computational skills and extend their knowledge through problem solving and real-world applications. Students will learn analysis of quadratic, polynomial, exponential and logarithmic functions, arithmetic and geometric sequences, trigonometry and trigonometric functions, coordinate geometry and proofs, statistical analysis, experimental design and applications of probability.

Within each Liberal Arts Mathematics 2 lesson, students are supplied with a scaffolded note-taking guide, called a Study Sheet, and are given ample opportunity to practice computations in low-stakes Checkup activities before moving on to formal assessment. Additionally, students will have the opportunity to formulate and justify conclusions as they extend and apply concepts through printable exercises and "in-your-own-words" interactive activities.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Math 6 A/B (Apex)

Math 6 is a two-semester course that is 100% aligned to Common Core Standards for Mathematics. The course is designed to help students develop computational fluency, deepen their conceptual understanding, and apply mathematical practices. Students will learn to reason with ratios and rates; perform operations with fractions, decimals, and exponents; and solve equations and inequalities. They will also graph points in all four quadrants of the coordinate plane; explore the geometric concepts of area, surface area, and volume; and analyze data using measures of center and variability, box plots, dot plots, and histograms. In addition, this course includes unit-level discussion activities in which students will learn techniques for having productive group conversations and will reflect on their own thinking and the thinking of others.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.



Math 7 A/B (Apex)

Math 7 is a two-semester course that is 100% aligned to Common Core Standards for Mathematics. The course is designed to help students develop computational fluency, deepen their conceptual understanding, and apply mathematical practices. Students will learn to perform operations with positive and negative rational numbers, solve two-step equations and inequalities, and apply proportional reasoning to solve real-world problems. They will also calculate area, volume, and surface area of two- and three-dimensional figures, analyze data to make inferences about populations, and design simulations to model probability. In addition, this course includes unit-level discussion activities in which students will learn techniques for having productive group conversations and will reflect on their own thinking and the thinking of others.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Math 8 A/B (Apex)

Math 8 is a two-semester course that is 100% aligned to the Common Core State Standards for Mathematics. The course is designed to help students develop their algebraic reasoning, deepen their conceptual understanding, and apply mathematical practices. Students will focus on understanding functions — what they are, how to represent them, and how to use them to model mathematical and real-world situations. Students will then extend their understanding of functions to statistics, making scatterplots and using linear functions to model data. Additional topics include irrational numbers, simplifying exponential expressions, and solving equations and inequalities with variables on both sides. They will also learn about transformations and other geometric concepts, including the Pythagorean theorem, angle relationships, and surface area and volume of cylinders, cones, and spheres. In addition, this course includes unit-level discussion activities in which students will learn techniques for having productive group conversations and will reflect on their own thinking and the thinking of others.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Math Foundations 1 A/B (Apex)

Math Foundations 1 offers a structured remediation solution based on the NCTM Curricular Focal Points and is designed to expedite student progress in acquiring 3rd- to 5th-grade skills. The course is appropriate for use as remediation for students in grades 6 to 12. When used in combination, Math Foundations 1 and Math Foundations 2 (covering grades 6 to 8) effectively remediate computational skills and conceptual understanding needed to undertake high school-level math courses with confidence.

Math Foundations 1 empowers students to progress at their optimum pace through over 80 semester hours of interactive instruction and assessment spanning 3rd- to 5th-grade math skills. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts.

This course is built to state standards and informed by the National Council of Teachers of Mathematics (NCTM) standards and Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence.

This updated course was originally created for Apex Courses and is now available in Courseware.

Math Foundations 2 A/B (Apex)

Based on the NCTM's Curricular Focal Points, Math Foundations 2 is designed to expedite student progress in acquiring 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as middle school curriculum. The program simultaneously builds the computational skills and conceptual understanding needed to



undertake high school-level math courses with confidence.

The course's carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts.

This course is built to state standards and informed by the National Council of Teachers of Mathematics (NCTM) standards and Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence. *This updated course was originally created for Apex Courses and is now available in Courseware.*

Mathematics I A/B

Mathematics I is a completely redesigned course that is 100% aligned with the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are shorter than those in previous versions, offering focused exploration of topics to make concepts more digestible for learners and are intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include practice worksheets and guided notes to help learners record key takeaways as they progress through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multimodal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills and prepare for greater success by drawing their attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Mathematics I reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

This course features career exploration powered by Roadtrip Nation.

Mathematics I A/B (Apex)

Mathematics I builds students' command of geometric knowledge and linear and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include relationships between quantities; linear and exponential relationships; reasoning with equations; descriptive statistics; congruence, proofs, and constructions; and connecting algebra and geometry through coordinates.

This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Mathematics II A/B



Mathematics II is a completely re-designed course that offers alignment to the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new look and feel for the course was inspired by educator feedback. Mathematics II reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

This course features career exploration powered by Roadtrip Nation.

Mathematics II A/B (Apex)

Mathematics II extends students' geometric knowledge and introduces them to quadratic expressions, equations, and functions, exploring the relationships among these and their linear and exponential counterparts. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include extending the number system; quadratic functions and modeling; expressions and equations; applications of probability; similarity, right-triangle trigonometry, and proofs; and circles with and without coordinates.

This course supports all students as they develop computational fluency and deepen conceptual understanding. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Mathematics III A/B

Mathematics III is a completely redesigned course that is 100% aligned with the integrated pathway in the Common Core State Standards for Mathematics. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with more interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multimodal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. This fresh new



look and feel for the course was inspired by educator feedback. Mathematics III reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design. This course features career exploration powered by Roadtrip Nation.

Mathematics III A/B (Apex)

Mathematics III incorporates advanced functions, trigonometry, and probability and statistics as students synthesize their prior knowledge and solve increasingly challenging problems. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include formulating inferences and conclusions from data; polynomial, rational, and radical relationships; trigonometry of general triangles and trigonometric functions; and mathematical modeling. This course supports all students as they simultaneously develop computational fluency, deepen conceptual understanding, and apply mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of state assessments.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Mathematics of Personal Finance A/B (Apex)

Mathematics of Personal Finance focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra I and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning.

Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems). To assist students for whom language presents a barrier to learning or who are not reading at grade level, Mathematics of Personal Finance includes audio resources in both Spanish and English.

This course is built to state standards as they apply to mathematics of personal finance and adheres to the National Council of Teachers of Mathematics' (NCTM) problem solving, communication, reasoning, and mathematical connections process standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Precalculus A/B

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

This course features career exploration powered by Roadtrip Nation.

Precalculus A/B (Apex)

Precalculus combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse



trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.

Within each lesson, students are supplied with a post-study checkup activity that provides them the opportunity to hone their computational skills by working through a low-stakes problem set before moving on to formal assessment. Unit-level assessments include a computer-scored test and a scaffolded, teacher-scored test.

The course is built to state standards and the National Council of Teachers of Mathematics (NCTM) standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Probability and Statistics

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

This course features career exploration powered by Roadtrip Nation.

Probability and Statistics A/B (Apex)

Probability and Statistics provides a curriculum focused on understanding key data analysis and probabilistic concepts, calculations, and relevance to real-world applications. Students are challenged to work toward mastery of computational skills, apply calculators and other technology in data analysis, deepen their understanding of key ideas and solution strategies, and extend their knowledge through a variety of problem-solving applications.

Course topics include types of data, common methods used to collect data, and representations of data, including histograms, bar graphs, box plots, and scatterplots. Students learn to work with data by analyzing and employing methods of extending results, involving samples and populations, distributions, summary statistics, experimental design, regression analysis, simulations, and confidence intervals.

Ideas involving probability — including sample space, empirical and theoretical probability, expected value, and independent and compound events — are covered as students explore the relationship between probability and data analysis.

Projects allow for more open-ended, extended applications of concepts and skills. Students collect and analyze statistical data about a topic that interests them, and they apply probability concepts in a real-world context.

The content is based on the Common Core standards and is aligned with state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

English Language Arts

AP® English Language and Composition A/B (Apex)

In AP® English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP® exam and for further study in communications, creative writing, journalism, literature, and composition.

Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP® Exam.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

**AP® English Literature and Composition A/B**

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

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® English Literature and Composition A/B (Apex)

AP® English Literature and Composition is a two-semester course where students are immersed in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The course places special emphasis on reading comprehension, structural and critical analysis of written works, literary vocabulary, and recognizing and understanding literary devices. The equivalent of an introductory college-level survey class, this course prepares students for the AP® exam and for further study in creative writing, communications, journalism, literature, and composition.

The materials needed for this course include specified course readings that may require a visit to the school library or public library.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

This course was originally created for Apex Courses and is now available in Courseware.

Accelerate to English 10

Accelerate to English 10 is a short course designed to prepare students for success in English 10. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, persuasive techniques, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to English 11

Accelerate to English 11 is a short course designed to prepare students for success in English 11. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will read literary and informational texts to analyze how authors use various structures, elements, and techniques to create effects. Students will also use close reading strategies to interpret texts and inform your writing.

Accelerate to English 12

Accelerate to English 12 is a short course designed to prepare students for success in English 12. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also compose brief analyses to demonstrate your understanding of the historical and cultural perspectives in these texts.

Accelerate to English 9

Accelerate to English 9 is a short course designed to prepare students for success in English 9. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

**Accelerate to Florida English 1**

Accelerate to Florida English 1 is a short course designed to prepare students for success in English 1 aligned to Florida Standards. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to Florida English 2

Accelerate to Florida English 2 is a short course designed to prepare students for success in English 2 aligned to Florida Standards. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, persuasive techniques, structure, and language in their writing. Students will also practice close reading to interpret texts and provide support for written analysis.

Accelerate to Florida English 3

Accelerate to Florida English 3 is a short course designed to prepare students for success in English 3 aligned to Florida Standards. It focuses on the reading and writing skills that will serve as the foundation for upcoming learning. Students will read literary and informational texts to analyze how authors use various structures, elements, and techniques to create effects. Students will also use close reading strategies to interpret texts and inform your writing.

Accelerate to Florida English 4

Accelerate to Florida English 4 is a short course designed to prepare students for success in English 4 aligned to Florida Standards. It focuses on developing the reading and writing skills that will serve as the foundation for upcoming learning. Students will practice active reading strategies to analyze how authors use literary devices, structure, and language in their writing. Students will also compose brief analyses to demonstrate your understanding of the historical and cultural perspectives in these texts.

Business English A/B

Business English is designed to strengthen students' reading and writing skills in the workplace. Writing for business purposes is a main focus of the course. Students will learn how to communicate effectively through email and instant messaging, as well as format specific types of business messages and workplace documents. The role of digital media, visuals, and graphics in workplace communication will be explored. The importance of professionalism, ethics, and other positive skills are also emphasized in the course. Additionally, guidance is provided to help students through the process of searching, applying, and interviewing for a job.

This course features career exploration powered by Roadtrip Nation.

English 10 A/B

English 10 is a two-semester course that is 100 percent aligned to the Common Core State Standards for English Language Arts. The course is designed to develop students' reading, writing, and critical thinking skills through focused exploration of topics and lessons intentionally grouped to reinforce connections. Students will learn to closely read and analyze literary and informational texts, apply reading strategies, and examine how authors use language and structure to develop ideas across genres and cultures. They will also write across genres, create and deliver multimedia presentations, and engage in independent reading studies of their choosing. In addition, the course covers evaluating sources, synthesizing information from multiple media, and conducting research with proper citation practices. Practice activities featuring technology-enhanced items, worksheets, and guided notes support student mastery throughout the course. Clarifying Big Ideas (CBI) lessons model critical thinking skills and strategies, address common misunderstandings, and articulate the big ideas that underpin learning. These skills and strategies are woven throughout the course to allow students to practice applying them in context.

There are no required materials for this course.

This course features career exploration powered by Roadtrip Nation.



English 10 A/B (Apex)

The focus of the English 10 course is the writing process. Three writing applications guide the curriculum: persuasive, expository, and narrative writing. Each lesson culminates in a written assignment that lets students demonstrate their developing skill in one of these applications.

English 10 follows the model of English 9 by including at least one anchor text per lesson, but the essays, articles, stories, poems, and speeches are often presented as models for students to emulate as they practice their own writing. So that these readings may serve as proper examples for students, a high proportion of texts for this course are original pieces.

English 10 also continues to develop students' reading, listening, and speaking skills. Readings include poems, stories, speeches, plays, and a graphic novel, as well as a variety of informational texts. The readings represent a wide variety of purposes and cultural perspectives, ranging from the Indian epic the Ramayana to accounts of Hurricane Katrina told through different media. Audio and video presentations enhance students' awareness and command of rhetorical techniques and increase their understanding of writing for a variety of audiences.

This updated course was originally created for Apex Courses and is now available in Courseware.

English 11 A/B

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

This course features career exploration powered by Roadtrip Nation.

English 11 A/B (Apex)

English 11 is a two-semester course designed to help students examine the belief systems, events, and literature that have shaped the United States. The course prompts students to survey the major movements of American literature and nonfiction, analyzing and evaluating texts by a range of authors. Feedback-rich interactive exercises, assignment prompts, and discussions challenge students to present original ideas, collaborate with peers, interpret and incorporate non-text media, and communicate clearly and persuasively through both writing and speaking. Texts are presented with introductory videos, vocabulary support, and question prompts that aid in comprehension and analysis. Written assignments are framed by direct instruction about the skills students must apply, prompts that guide students through each step of the writing process, and self-evaluation rubrics.

Required materials for this course include online or print copies of *The Great Gatsby* by F. Scott Fitzgerald, *A Raisin in the Sun* by Lorraine Hansberry, and *The Way to Rainy Mountain* by N. Scott Momaday.

This updated course was originally created for Apex Courses and is now available in Courseware.

English 12 A/B

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

This course features career exploration powered by Roadtrip Nation.

English 12 A/B (Apex)

English 12 is a two-semester course designed to allow students to closely analyze texts from throughout history and consider how humans define and interact with the unknown, the monstrous, and the heroic. The course prompts students to survey major works of British and world literature and nonfiction, analyzing and evaluating texts by a range



of authors. Feedback-rich interactive exercises, assignment prompts, and discussions challenge students to present original ideas, collaborate with peers, interpret and incorporate non-text media, and communicate clearly and persuasively through both writing and speaking. Texts are presented with introductory videos, vocabulary support, and question prompts that aid in comprehension and analysis. Written assignments are framed by direct instruction about the skills students must apply, prompts that guide students through each step of the writing process, and self-evaluation rubrics.

There are no required materials for this course.

This updated course was originally created for Apex Courses and is now available in Courseware.

English 6 A/B (Apex)

English 6 is a two-semester interactive and feedback-rich course designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. Speaking and listening lessons guide students in developing skills specific to public discourse as they evaluate one another's speeches and adapt to different audiences and situations. In language lessons, students build the foundational grammar skills they need to articulate their ideas and understand challenging words.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

English 7 A/B (Apex)

English 7 is a two-semester interactive and feedback-rich course designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature convey ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. Speaking and listening lessons guide students in developing skills specific to public discourse as they evaluate one another's speeches and adapt to different audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

English 8 A/B (Apex)

English 8 is a two-semester interactive and feedback-rich course designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature convey ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. Speaking and listening lessons guide students in developing skills specific to public discourse as they evaluate one another's speeches and adapt to different audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

English 9 A/B

English 9 is a two-semester course that is 100 percent aligned to the Common Core State Standards for English Language Arts. The course is designed to strengthen students' reading, writing, and critical thinking skills through thematically connected lessons that build upon one another, ensuring standards are scaffolded and covered in increasing depth. Students will learn to closely read and analyze diverse, authentic, and complex texts, apply reading strategies, and examine how authors develop themes and ideas across genres. They will also write across genres, create and deliver multimedia presentations, conduct research, and engage in independent reading studies of their choosing.



In addition, the course covers evaluating sources, synthesizing information from multiple media, and conducting research with proper citation practices. Features such as guided notes and graphic organizers support student mastery throughout the course. Clarifying Big Ideas (CBI) lessons model critical thinking skills and strategies, address common misunderstandings, and articulate the big ideas that underpin learning. These skills and strategies are woven throughout the course to allow students to practice applying them in context.

There are no required materials for this course.

This course features career exploration powered by Roadtrip Nation.

English 9 A/B (Apex)

English 9 introduces students to informational and literary genres. Students investigate the elements of nonfiction and literature through the critical analysis of texts that range from essays, speeches, articles and historical documents to a novel, a play, poetry, and short stories. The range of texts includes canonical authors such as William Shakespeare, Franz Kafka, and Elie Wiesel, as well as writers from diverse backgrounds, such as Alice Walker, Li-Young Lee, and Robert Lake-Thom (Medicine Grizzlybear).

As they develop their writing skills and respond to theses, students learn to formulate arguments and use textual evidence to support their position. Throughout the course, students learn to engage with a variety of media types through which they process and synthesize information, discuss material, create presentations, and share their work.

English 9 supports all students in developing the depth of understanding and higher-order skills required by the state standards. Students break down increasingly complex readings with close reading tools, guided instruction, and robust scaffolding as they apply each of the lesson's concepts back to its anchor text. Students build their writing and speaking skills in journal responses, discussions, frequent free-response exercises, and essays or presentations, learning to communicate clearly and credibly in narrative, persuasive, and explanatory styles. Throughout the course, students are evaluated through a diversity of assessments designed to prepare them for the content, form, and depth of state exams.

The first semester of English 9 can be paired with one of two second semesters that each employ a different example of a full-length Shakespeare play. One option includes "Macbeth," and the alternative option includes "Romeo and Juliet."

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

English Foundations I A/B (Apex)

English Foundations I supports adolescent literacy development at the critical stage between decoding and making meaning from text. Through intensive reading and writing skills instruction, deep practice sets, consistent formative feedback, graduated reading levels, and helpful strategy tips, the course leads students to improved comprehension and text handling.

Semester A provides instruction in basic reading skills and vocabulary building. The student learns what a successful reader does to attack words and sentences and make meaning from them. Semester B provides instruction in basic writing skills, introduces academic tools, and demonstrates effective study skills. The student learns step-by-step processes for building effective paragraphs and learns how to use academic tools such as reference books and outlines. To provide additional support, the course uses text features and visual clues to draw students' attention to important information. The use of text features is also designed to help students internalize strategies for comprehending informational text.

Characters appear throughout the instruction to offer tips and fix-up strategies in an authentic, first-person, think-aloud format. Their inclusion makes transparent the reading processes that go on inside the mind of a successful reader. This



extra metacognitive support serves to bolster student confidence and provide a model of process and perseverance.

Numerous practice opportunities are provided in the form of assessments that move from no stakes to low stakes to high stakes throughout a unit. This practice is centered on authentic and age-appropriate passages that are written in a topical framework and use controlled syntax and vocabulary. The difficulty of these passages gradually increases from a 3rd- to 5th-grade reading level over the duration of the course. Additional support is offered through significant formative feedback in practice and assessment.

This course guides students through the reading, writing, and basic academic skills needed to prepare for success in academic coursework. At the end of the course, the student should be poised for continued success in the academic world. The content is based on extensive national and state standards research and consultation with reading specialists and classroom teachers. This course is built to state standards for reading and writing and informed by NCTE/IRA reading and writing standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

English Foundations II A/B (Apex)

English Foundations II offers a year of skill building and strategy development in reading and writing. Semester A is a reading program designed to help struggling readers develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy. Semester B is a writing program that builds confidence in composition fundamentals by focusing on the areas of composing, grammar, style, and media literacy. Each semester is composed of 10 mini-units, which offer interactive instruction and guided practice in each of the four learning strands. Students read for a variety of purposes and write for a variety of audiences. The workshops stress high interest, engaging use of technology, relevant topics, and robustly scaffolded practice. Students learn to use different types of graphic organizers as they develop and internalize reading and writing process strategies. They build confidence as they develop skills and experience success on numerous low-stakes assessments that encourage growth and reinforce learning.

The reading component of the course is built to state standards and informed by the National Council of Teachers of English (NCTE), International Reading Association (IRA), National Reading Program (NRP), and McREL standards. The writing component of the course is built to state standards and informed by the National Council of Teachers of English (NCTE) standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Expository Writing (Apex)

In Expository Writing, students delve into the power and potential of the English language. Reading and writing assignments explore relevant and universal themes, including war, human rights, cultural awareness, and humans' relationships with the environment, the media, and technology. By reading and evaluating seminal speeches, essays, and stories, students learn how writing is used to explain, persuade, and entertain. Students develop and practice expressing their own ideas in four types of essays: compare and contrast, persuasive, evaluative, and explanatory. Additional assignments focus on narrative writing, research projects, and speeches.

Writing assignments vary in length and purpose, giving students a chance to demonstrate their skills. In Unit 1, students evaluate a wartime speech, argue for or against a political course of action, and craft a speech adapted for two different audiences. Over the course of Unit 2, students develop a research project that addresses the causes and effects of the civil rights movement. Unit 3 gives students a chance to respond to texts and topics related to loyalty and cultural awareness through an argumentative essay, a narrative essay, and an analysis essay. In Unit 4, students write and publish an explanatory article about the environment, an argumentative piece on the impact of technology on society, and an analysis of multiple themes in a text.

This course was originally created for Apex Courses and is now available in Courseware.

**Florida English 1 A/B**

Florida English 1 A/B is a completely re-designed course that offers 100% alignment to the Florida B.E.S.T. Standards for English Language Arts. A balance of fiction and nonfiction texts are used throughout the course, and each unit is designed around a thematic concept to provide cohesiveness to the skills-based lessons and activities that make up the unit. The course intertwines the development of reading skills with the development of writing, speaking and listening, and language skills. Students can look forward to a course where the information is delivered in easy-to-digest chunks using student-friendly language, with assessments that are tightly aligned to the concepts and skills learned in the lesson. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials. The course design reflects educator feedback about student engagement by featuring a variety of interactions, videos, and student resources, such as graphic organizers, worksheets, and guided notes. Florida English 1 reflects our commitment to standards alignment and putting the needs of educators and students first in all aspects of course design.

Florida English 2 A/B

Florida English 2 A/B is a completely re-designed course that offers 100% alignment to the Florida B.E.S.T. Standards for English Language Arts. In addition to the emphasis on alignment, the new lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. This new design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials. This fresh new look and feel for the course was inspired by educator feedback. Florida English 2 reflects our commitment to standards alignment and putting the needs of educators and learners first in all aspects of course design.

Florida English 3 A/B

Florida English 3 A/B offers 100% alignment to the Florida B.E.S.T. Standards for English Language Arts. Florida English 3A explores the relation between American history and literature from the colonial period through the realism and naturalism eras. Florida English 3B explores the relation between American history and literature from the modernist period through the contemporary era and presents learners with relevant cultural and political history. Readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. The lessons in both semesters focus on developing grammar, vocabulary, speech, and writing skills. Units in both semesters conclude with re-designed activities that synthesize learning from the unit through formal writing, researching, or presenting.

Florida English 4 A/B

Florida English 4 A/B offers 100% alignment to the Florida B.E.S.T. Standards for English Language Arts. Florida English 4A emphasizes the study of literature in the context of specific historical periods beginning with the Anglo-Saxon and medieval periods in Britain. Florida English 4B explores the romantic, Victorian, and modern eras. Each lesson includes tutorials and embedded lesson activities that provide for a more engaging and effective learning experience. End of unit



tests ensure mastery of the concepts taught in each unit, and exemptive pretests allow students to focus on content that they have yet to master. Units in both semesters conclude with re-designed activities that synthesize learning from the unit through formal writing, researching, or presenting.

Florida English 4: College Prep A/B

Florida English 4: College Prep A/B explores the relationship between British history and literature from the Anglo-Saxon period. The course explores a variety of literary works, including the works of Charles Dickens and H. G. Wells. The lessons in this course present learners with relevant cultural and political history, and readings are scaffolded with pre-reading information, interactions, and activities to actively engage learners in the content. Analyses reinforce key concepts of the reading selections. It also explores the major types of nonfiction writing, including memoirs, personal essays, public essays, speeches, and narrative nonfiction. This course also introduces learners to elements of informational texts, such as purpose, opinion, bias, and persuasive techniques. Students will also study a variety of techniques to improve their reading comprehension, writing skills, grammar, and mechanics.

Florida M/J Language Arts 1 A/B

Florida M/J Language Arts 1 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words. The two-semester course is arranged in units that each center on a set of skills or a broad topic. Each unit has four lessons: three instructional lessons and one lesson of assessment. The instructional lessons include a variety of activities, such as direct instruction, assignments, discussions, and both formative and summative assessments. The assessment lesson presents the unit test after giving students a chance to review. Throughout the course, students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored applications.

Florida M/J Language Arts 2 A/B

Florida M/J Language Arts 2 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words. The two-semester course is arranged in units that each center on a set of skills or a broad topic. Each unit has four lessons: three instructional lessons and one lesson of assessment. The instructional lessons include a variety of activities, such as direct instruction, assignments, discussions, and both formative and summative assessments. The assessment lesson presents the unit test after giving students a chance to review. Throughout the course, students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored applications.

Florida M/J Language Arts 3 A/B

Florida M/J Language Arts 3 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and



informational styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate one another's speeches and adjust to new audiences and situations. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words. The two-semester course is arranged in units that each center on a set of skills or a broad topic. Each unit has four lessons: three instructional lessons and one lesson of assessment. The instructional lessons include a variety of activities, such as direct instruction, assignments, discussions, and both formative and summative assessments. The assessment lesson presents the unit test after giving students a chance to review. Throughout the course, students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored applications.

Media Literacy (Apex)

Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today's students need to be able to read, comprehend, analyze, and respond to non-traditional media at the same skill level at which they engage with traditional print sources.

A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in non-traditional media genres, such as blogging and podcast scripting.

Students consider their own positions as consumers of media and explore ways to use non-traditional media to become more active and thoughtful citizens. Students learn how to ask critical questions about the intended audience and underlying purpose of media messages, and they study factors that can contribute to bias and affect credibility.

This course is built to state standards and informed by The National Association for Media Literacy Education's Core Principles of Media Literacy Education.

This updated course was originally created for Apex Courses and is now available in Courseware.

Science

AP® Biology A/B

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

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® Biology A/B (Apex)

AP® Biology is a two-semester course where students build an understanding of biology on both the micro and macro scales. After studying cell biology, students move on to understand how evolution drives the diversity and unity of life. Students will examine how living systems store, retrieve, transmit, and respond to information and how organisms utilize free energy. The equivalent of an introductory college-level biology course, AP® Biology prepares students for the AP® exam and for further study in science, health sciences, or engineering.

The AP® Biology course provides a learning experience focused on allowing students to develop their critical thinking skills and cognitive strategies. Frequent no- and low-stakes assessments allow students to measure their comprehension



and improve their performance as they progress through each activity. Students regularly engage with primary sources, allowing them to practice the critical reading and analysis skills that they will need in order to pass the AP® exam and succeed in a college biology course. Students perform hands-on labs that give them insight into the nature of science and help them understand biological concepts, as well as how evidence can be obtained to support those concepts. Students also complete several virtual lab studies in which they form hypotheses; collect, analyze, and manipulate data; and report their findings and conclusions. During both virtual and traditional lab investigations and research opportunities, students summarize their findings and analyze others' findings in summaries, using statistical and mathematical calculations when appropriate. Summative tests are offered at the end of each unit as well as at the end of each semester, and contain objective and constructed response items. Robust scaffolding, rigorous instruction, relevant material and regular active learning opportunities ensure that students can achieve mastery of the skills necessary to excel on the AP® exam.

The materials needed for this course include specified lab materials.

This course was originally created for Apex Courses and is now available in Courseware.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® Chemistry A/B

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

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® Chemistry A/B (Apex)

AP® Chemistry is a two-semester course where students build an understanding of the nature and reactivity of matter. After studying chemical reactions and electrochemistry, students move on to understand how the chemical and physical properties of materials can be explained by the structure and arrangements of the molecules and the forces between those molecules. Students will examine the laws of thermodynamics, molecular collisions, and the reorganization of matter in order to understand how changes in matter take place. Finally, students will explore chemical equilibria, including acid-base equilibria. The equivalent of an introductory college-level chemistry course, AP® Chemistry prepares students for the AP® exam and for further study in science, health sciences, or engineering.

The AP® Chemistry course provides a learning experience focused on allowing students to develop their critical thinking skills and cognitive strategies. Frequent no- and low-stakes assessments allow students to measure their comprehension and improve their performance as they progress through each activity. Students regularly engage with primary source materials, allowing them to practice the critical reading and analysis skills that they will need in order to pass the AP® exam and succeed in a college chemistry course. Students perform hands-on labs that give them insight into the nature of science and help them understand chemical concepts, as well as how evidence can be obtained to support those concepts. Students also complete several virtual lab studies in which they form hypotheses; collect, analyze, and manipulate data; and report their findings and conclusions. During both virtual and traditional lab investigations and research opportunities, students summarize their findings and analyze others' findings in summaries, using statistical and mathematical calculations when appropriate. Summative tests are offered at the end of each unit as well as at the end of each semester, and contain objective and constructed response items. Robust scaffolding, rigorous instruction, relevant material, and regular active learning opportunities ensure that students can achieve mastery of the skills necessary to excel on the AP® exam.



The materials needed for this course include specified lab materials.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

This course was originally created for Apex Courses and is now available in Courseware.

AP® Environmental Science A/B (Apex)

AP® Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. The equivalent of an introductory college-level science course, AP® Environmental Science prepares students for the AP® exam and for further study in science, health sciences, or engineering. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Frequent no- and low-stakes assessments allow students to measure their comprehension and improve their performance as they progress through each activity.

Students also perform hands-on labs and projects that give them insight into the nature of science and help them understand environmental concepts, as well as how evidence can be obtained to support those concepts.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

Biology A/B

Biology, which is an inquiry- and lab-based course, is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). Lab materials note: Most hands-on labs employ relatively-common household materials. A few labs require specialized scientific equipment or materials, such as a microscope, slides, or biological samples. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

This course features career exploration powered by Roadtrip Nation.

Biology A/B (Apex)

Biology focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment. The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and the interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science.

This course is built to state standards and informed by the Next Generation Science Standards (NGSS).

This updated course was originally created for Apex Courses and is now available in Courseware.

**Biology with Virtual Labs A/B**

Biology with Virtual Labs, which is an inquiry- and virtual-lab-based course, is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common, household items—such as paper and a pencil—if they choose. This course features career exploration powered by Roadtrip Nation.

Chemistry A/B

Chemistry, which is an inquiry- and lab-based course, is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school chemistry along with additional concepts and standards typically included in a full-year high school chemistry course. Content topics include atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, and energy and changes in matter. It also addresses additional concepts and standards typically included in a full-year high school chemistry course, including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be completed online within the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). Lab materials note: Most hands-on labs employ relatively-common household materials. A few labs require specialized scientific equipment or materials, such as an electronic balance (0.01g), graduated cylinders, test tubes, and chemical reagents. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

This course features career exploration powered by Roadtrip Nation.

Chemistry A/B (Apex)

Chemistry offers a curriculum that emphasizes students' understanding of fundamental chemistry concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology. The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, the importance of chemistry to society, atomic structure, bonding in matter, chemical reactions, redox reactions, electrochemistry, phases of matter, equilibrium and kinetics, acids and bases, thermodynamics, quantum mechanics, nuclear reactions, organic chemistry, and alternative energy. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about concepts. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Throughout this course, students are given an opportunity to understand how chemistry concepts are applied in technology and engineering. Journal and practice activities provide additional opportunities for students to apply learned concepts and practice their writing skills.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Chemistry in the Earth System A/B (Apex)

Chemistry in the Earth System is a two-semester course aligned to Next Generation Science Standards. The course is designed to integrate Chemistry with Biology and Earth Science. Throughout the course, students apply fundamental chemistry concepts to better understand how matter and energy interact in the natural and designed world, how human activities impact Earth's systems, and how science can be used to develop new technologies and engineering solutions.



Course topics include the nature of matter, forces and energy, atomic structure, bonding in matter, chemical reactions, equilibrium and kinetics, thermodynamics, matter and energy in Earth's physical and living systems, energy and resource consumption, and environmental challenges.

Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts.

A variety of activities encourage students to think scientifically. Lab and Project activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science and engineering. Virtual Lab activities enable students to engage in investigations that require long periods of observation at remote locations and to explore simulations that allow scientists to test predictions.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Earth Science A/B (Apex)

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Course topics include an exploration of the major cycles and concepts that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources. Optional teacher-scored labs and projects encourage students to apply the scientific method. This course is built to state standards and informed by the National Science Teachers Association (NSTA).

This updated course was originally created for Apex Courses and is now available in Courseware.

Earth and Space Science A/B

Earth and Space Science is a two-semester course designed to examine the processes and systems that shape the universe and Earth. Students will learn about the origins and structure of the universe, including stellar life cycles and the forces that govern orbital motion, the formation and evolution of the Precambrian Earth, and the materials and tectonic forces that continue to shape the planet. They will also explore the hydrosphere and atmosphere, including the interactions between Earth's major systems that drive weather, climate, and the carbon cycle. Inquiry-based activities and hands-on lab experiences are embedded throughout the course, with approximately 40 percent of student time devoted to laboratory investigations. In addition, the course covers scientific processes and methods, human interactions with Earth's systems and resources, and the use of evidence and models to understand change over time. The materials needed for this course include specified lab materials.

This course features career exploration powered by Roadtrip Nation.

Environmental Science A/B (Apex)

Environmental Science is a two-semester course designed to explore the biological, physical, and sociological principles related to the environment in which organisms live on Earth. Students will learn about natural systems, biogeochemical cycles, the nature of matter and energy, and the flow of matter and energy through living systems. They will also examine populations, communities, ecosystems, ecological pyramids, biodiversity, and the relationships between renewable and nonrenewable natural resources and land use. Case studies of environmental challenges introduce each content lesson and acquaint students with real-life environmental issues, debates, and solutions. Scientific and engineering practices are embedded throughout the course, including forming and testing hypotheses, making and evaluating claims, and using logic and evidence to draw conclusions. Lab, field, and virtual investigations reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Throughout this course, students have the opportunity to understand how biology, earth science, and physical science are applied to the study of the environment, and how technology and engineering contribute to solutions for studying and creating a sustainable biosphere.

The materials needed for this course include specified lab materials.

This course was originally created for Apex Courses and is now available in Courseware.

**Florida Biology A/B**

Florida Biology is a two-semester course designed to strengthen students' understanding of several foundational concepts of biology. In this course, students will learn to use scientific methods and tools to investigate biological questions. They will develop models to explore the functioning of different body systems and examine how the proper functioning of those body systems affects health. Students will expand their knowledge of the roles of mitosis, meiosis, DNA, and chromosomes in an organism's growth and development. Besides this, students will study and compare the basic characteristics of bacteria, protists, plants, and animals. They will understand the effect of environmental changes on a species over time, and explore the conservation of energy as it relates to living things and ecosystems. Students will learn how the cycling of matter and energy interacts with biological processes, and study the factors that affect the carrying capacity and biodiversity of an ecosystem. They will also create a simulation to test a solution for a biodiversity problem. Online discussions, course activities, and unit activities help students to develop and apply critical thinking skills. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). Lab materials note: Most hands-on labs employ relatively-common household materials. A few labs require specialized scientific equipment or materials, such as a microscope, slides, or biological samples. These few specialized labs are optional but provide valuable laboratory experience. School laboratories may be used for these specialized labs or single-student Edmentum Lab Kits may be purchased from Ward's Science. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.

Florida Chemistry A/B

Florida Chemistry is a re-designed course that is 100% aligned to the Chemistry 1 standards in the Next Generation Sunshine State Standards for Science. This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It also addresses concepts deemed essential to a full-year high school chemistry course, such as molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3).

Florida M/J Comprehensive Science 1 A/B

Florida M/J Comprehensive Science 1 delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as Earth's structures, systems, and patterns; the organization, development, and evolution of organisms; and the relationship between force and motion. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. This course is built to the Next Generation Science Standards for middle school science.

Florida M/J Comprehensive Science 2 A/B

Florida M/J Comprehensive Science 2 delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as how Earth's structures and organisms change over time, the interdependence of living systems and the environment, and how energy can be transferred and transformed. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative



and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. This course is built to the Next Generation Science Standards for middle school science.

Florida M/J Comprehensive Science 3 A/B

Florida M/J Comprehensive Science 3 delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as the nature of the universe, how matter and energy move through living systems, and the physical and chemical properties of matter. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. This course is built to the Next Generation Science Standards for middle school science.

Florida M/J Earth/Space Science A/B (Apex - NGSSS)

Florida M/J Earth/Space Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including Earth's systems, engineering design, the nature of the universe, and the interaction between humans and the environment. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multimodal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Florida M/J Life Science A/B (Apex - NGSSS)

Florida M/J Life Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the relationship between structure and function, the flow of energy and matter through living systems, heredity, and the diversity of life. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multimodal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Florida M/J Physical Science A/B (Apex - NGSSS)

Florida M/J Physical Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the interactions of matter, motion and stability, waves and their technological applications, and energy.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multimodal representations, and personalized feedback. Each lesson includes a variety of activities such



as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Integrated Physics and Chemistry A/B

The lessons in Integrated Physics and Chemistry employ direct-instruction approaches. They include application- and Inquiry-oriented activities that facilitate the development of higher-order cognitive skills, such as logical reasoning, sense-making, and problem-solving. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to use common household items—such as paper and a pencil—if they choose.

This course features career exploration powered by Roadtrip Nation.

MS Earth and Space Science A/B (Apex)

Middle School Earth and Space Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including Earth's systems, engineering design, the nature of the universe, and the interaction between humans and the environment. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

MS Life Science A/B (Apex)

MS Life Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the relationship between structure and function, the flow of energy and matter through living systems, heredity, and the diversity of life. The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

MS Physical Science A/B (Apex)

MS Physical Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including the interactions of matter; motion and stability; waves and their technological applications; and energy.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to



the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Physical Science A/B

This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with middle school physical science. Content topics include structure and properties of matter, chemical reactions, forces and motion, force fields, energy, and waves. Each lesson includes one or more inquiry-based activities that can be completed online within the lesson. In addition, the course includes a significant number of hands-on lab activities. Approximately 40% of student time in this course is devoted to true lab experiences, as defined by the National Research Council (2006, p. 3). (Credit Recovery versions available)

*NCAA Approved

*Lab materials note: *All hands-on labs employ relatively common household materials. Please refer to the Student Syllabus or Teacher's Guide for details on lab materials.*

This course features career exploration powered by Roadtrip Nation.

Physical Science A/B (Apex)

Physical Science offers a focused curriculum designed around the understanding of foundational physical science concepts, including the nature of matter, energy, and forces, as well as the application of scientific and engineering practices.

Course topics include energy, forces, electromagnetism, waves, matter, chemical reactions, and nuclear reactions.

Teacher-scored labs encourage students to apply the scientific method.

Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts.

A variety of activities encourage students to think scientifically. Labs and projects reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science and engineering.

Virtual labs allow students to engage in investigations that would otherwise require long periods of observation at remote locations and to explore simulations that scientists use to test predictions. In discussion activities, students compare their lab results and exchange ideas about their investigations. Practice and explore activities provide additional opportunities for students to apply learned concepts and practice their writing and scientific reasoning skills.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Physics A/B

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

materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to use common household items—such as paper and a pencil—if they choose.

This course features career exploration powered by Roadtrip Nation.

Physics A/B (Apex)

Physics offers a curriculum that emphasizes students' understanding of fundamental physics concepts while helping them acquire tools to be conversant in a society highly influenced by science and technology.

The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, math for physics, energy, kinematics, force and



motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Throughout this course, students are given an opportunity to understand how physics concepts are applied in technology and engineering. Journal and practice activities provide additional opportunities for students to apply learned concepts and practice their writing skills.

This course is built to state standards and informed by the American Association for the Advancement of Science (AAAS) Project 2061 benchmarks and the National Science Education Standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Physics of the Universe A/B (Apex)

Physics of the Universe is a two-semester course aligned to Next Generation Science Standards. The course is designed to integrate Physics with Earth and Space Science. Throughout the course, students apply fundamental physics concepts to better understand the impact of human activities on Earth's systems and how forces, energy, and matter interact throughout the universe.

Course topics include electricity and magnetism, energy consumption and resources, dynamics, momentum and gravitation, waves, cosmology, and an exploration of Earth's physical systems. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts.

A variety of activities encourage students to think scientifically. Lab and Project activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science and engineering. Virtual Lab activities enable students to engage in investigations that require long periods of observation at remote locations and to explore simulations that allow scientists to test predictions.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Science 6 A/B (Apex)

Science 6 delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as the flow of energy and matter through both living and nonliving systems, including Earth's systems; Earth's weather and climate; the interaction between humans and the environment; the relationship between structure and function; and growth, development, and reproduction in organisms.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

Science 6 with Virtual Labs A/B

Science 6 with Virtual Labs is an integrated science course based on the Next Generation Science Standards (NGSS). The content covers all three dimensions incorporated by NGSS: disciplinary core ideas, science and engineering practices, and crosscutting concepts. The course robustly meets NGSS learning standards associated with sixth-grade integrated science (NGSS Appendix K: Revised Conceptual Progressions Model, p. 19). Semester A focuses on basic physical



science and earth and space science. Semester B focuses on the history of the Earth, ecosystems, and weather and climate. In this course, students complete teacher-graded labs in the Course Activities and Unit Activities. This version of Science 6 has been designed so that all labs are virtual. Students will still be able to plan and execute investigations through carefully designed simulations and videos. They will also be able to design experimental setups and analyze data and visuals derived from real-world experiments.

Science 7 A/B (Apex)

Science 7 delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as the structures and properties of matter; chemical reactions; the flow of energy through systems, including Earth's living and nonliving systems; and the history of Earth.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

Science 7 with Virtual Labs A/B

Science 7 with Virtual Labs is an integrated science course based on the Next Generation Science Standards (NGSS). The content covers all three dimensions incorporated by NGSS: disciplinary core ideas, science and engineering practices, and crosscutting concepts. The course robustly meets NGSS learning standards associated with seventh-grade integrated science (NGSS Appendix K: Revised Conceptual Progressions Model, p. 19). Semester A focuses on cells, the life cycle, and nutrition. Semester B focuses on chemical reactions, force fields, and energy. In this course, students complete teacher-graded labs in the Course Activities and Unit Activities. This version of Science 7 has been designed so that all labs are virtual. Students will still be able to plan and execute investigations through carefully designed simulations and videos. They will also be able to design experimental setups and analyze data and visuals derived from real-world experiments.

Science 8 A/B (Apex)

Science 8 delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as waves and electromagnetic radiation, energy and forces on Earth and in space, genetics and natural selection, and engineering design.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through content aligned to the Next Generation Science Standards and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

Science 8 with Virtual Labs A/B

Science 8 with Virtual Labs is an integrated science course based on the Next Generation Science Standards (NGSS). The content covers all three dimensions incorporated by NGSS: disciplinary core ideas, science and engineering practices, and crosscutting concepts. The course robustly meets NGSS learning standards associated with eighth-grade integrated science (NGSS Appendix K: Revised Conceptual Progressions Model, p. 19). Semester A focuses on genes,



evolution, and the Earth's energy. Semester B focuses on Earth's changing climate, waves, and human impact on the Earth. In this course, students complete teacher-graded labs in the Course Activities and Unit Activities. This version of Science 8 has been designed so that all labs are virtual. Students will still be able to plan and execute investigations through carefully designed simulations and videos. They will also be able to design experimental setups and analyze data and visuals derived from real-world experiments.

Science Foundations A/B (Apex)

Science Foundations provides students with opportunities to develop the knowledge, skills, and strategies necessary for success in rigorous high school science courses. The course is appropriate for use as remediation at the high school level or as a bridge to high school.

Science Foundations is a two-semester course, with each semester containing 10 mini-units. Each mini-unit is composed of three lessons. The first lesson focuses on key concepts found in Earth science, physical science, and life science. The second lesson reinforces reading and math skills students need to be successful with the content introduced in the first lesson. The third lesson introduces scientific inquiry and critical thinking skills that will help students thrive in science as well as other disciplines. Carefully paced, guided instruction is accompanied by engaging and accessible interactive practice. Checkup activities provide an opportunity to review content prior to assessment. Practice activities offer an opportunity to apply concepts that were presented in study activities.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

The Living Earth A/B (Apex)

The Living Earth is a two-semester course aligned to Next Generation Science Standards. The course is designed to integrate Biology with Earth and Space Science. Throughout the course, students apply fundamental biological concepts to better understand how living systems and Earth's systems are interrelated and interdependent. Students will learn about the structure and function of living organisms, heredity, genetic variation, natural selection, evolution, the biosphere, types of ecosystems and biomes, the ecology of populations and communities, the effects of change on the biosphere and its parts, the relationship of humans with the environment, and explorations of challenges humans face and sustainable solutions for the future health of Earth and its inhabitants. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts.

A variety of activities encourage students to think scientifically. Lab and Project activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science and engineering. Virtual Lab activities enable students to engage in investigations that require long periods of observation at remote locations and to explore simulations that allow scientists to test predictions.

The materials needed for this course include specified lab materials.

This course was originally created for Apex Courses and is now available in Courseware.

Social Studies

AP® Macroeconomics (Apex)

AP® Macroeconomics is a one-semester course in which students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP® exam and for further study in business, political science, or history.

This course has been authorized by the College Board® to use the AP® designation.



*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.

This updated course was originally created for Apex Courses and is now available in Courseware.

AP® Microeconomics (Apex)

AP® Microeconomics is a one-semester course in which students learn about the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the nature and function of markets, the roles of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP® Microeconomics prepares students for the AP® exam and for further study in business, history, or political science.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.

This updated course was originally created for Apex Courses and is now available in Courseware.

AP® Psychology (Apex)

AP® Psychology is a one-semester course that provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development, and human aggression, altruism, intimacy, and self-reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of an introductory college-level survey course, AP® Psychology prepares students for the AP® exam and for further studies in psychology or life sciences.

This course has been authorized by the College Board® to use the AP® designation.

Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.

This updated course was originally created for Apex Courses and is now available in Courseware.

AP® U.S. History A/B

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

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

AP® US Government and Politics (Apex)

AP® US Government and Politics is a one-semester course in which students learn about the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics and to analyze the specific



relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP® US Government and Politics prepares students for the AP® exam and for further study in political science, law, education, business, or history.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.

This updated course was originally created for Apex Courses and is now available in Courseware.

AP® US History A/B (Apex)

AP® U.S. History is a two-semester course where students investigate the development of American economics, politics, and culture through historical analysis grounded in primary sources, research, and writing. The equivalent of an introductory college-level course, AP® U.S. History prepares students for the AP® Exam and for further study in history, political science, economics, sociology, and law.

Through the examination of historical themes and the application of historical thinking skills, students learn to connect specific people, places, events, and ideas to the larger trends of U.S. history. Critical-reading activities, feedback-rich instruction, and application-oriented assignments hone students' ability to reason chronologically, to interpret historical sources, and to construct well-supported historical arguments. Students write throughout the course, responding to primary and secondary sources through journal entries, essays, and visual presentations of historical content. In discussion activities, students respond to the positions of others while staking and defending claims of their own. Robust scaffolding, rigorous instruction, relevant material, and regular opportunities for active learning ensure that students can achieve mastery of the skills necessary to excel on the AP® Exam.

The materials needed for this course include a college-level U.S. History textbook.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

This course was originally created for Apex Courses and is now available in Courseware.

Civics

National Civics is a one-semester course offering seven units that cover topics including the origins of American government, the structure and function of our government, rights and responsibilities of citizens, the American federal system, political parties and the election process, basic economic principles, and current matters regarding domestic and foreign policy. The course includes a variety of unit and lesson activities that examine the history, culture, and economy of the nation and encourage research and reflection. In these activities, students will examine seminal documents and landmark Supreme Court cases in American political history, analyze changes in federal and executive power over time, explore the political election process and data related to recent voting trends, research and propose a public policy plan, and compare and contrast the functions of the national government with state and local governments. The course also prepares students to pass the civics portion of the USCIS Naturalization Test. This course features career exploration powered by Roadtrip Nation.

Contemporary World A/B

Contemporary World History is a yearlong course designed to strengthen learners' knowledge about the modern world. Multimedia tools, including custom videos, custom maps, and interactive timelines, will engage learners as they complete this course. Learners will explore the importance of geography, the influence of culture, and the relationship humans have with the physical environment. They will also focus on the responsibility of citizens, democracy in the United States, U.S. legal systems, and the U.S. economy. Ultimately, learners will complete this course as global citizens with an understanding of how to help and better their community and the world.

Economics



Economics is a one-semester course that examines how goods and services are created, consumed, and exchanged. Students will analyze basic economic problems such as scarcity, choice, and resource allocation, as well as market structures and international trade. The course places a particular focus on the US economy, government influence, and the Federal Reserve System. In unit activities, students will research factors of production and business structures for start-ups, analyze their state's wages and unemployment rate, investigate US trade relationships and agreements with other countries, examine aggregate economic behavior, and distinguish between short-term and long-term interest rates. Students will also analyze authors' points of view on economic events, evaluate claims and evidence, read and comprehend level-appropriate texts independently, and write supporting paragraphs with researched facts, details, and examples.

There are no required materials for this course.

This course features career exploration powered by Roadtrip Nation.

Economics (Apex)

Economics offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles. The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the roles of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflation, and the national debt; and a survey of the global economy.

Economics is designed to fall in the fourth year of social studies instruction. Students establish mastery of key economic principles through a scaffolded series of analytic written assignments and lesson tests. They also apply basic mathematics to economic concepts.

This course is built to state standards and further informed by standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.

This updated course was originally created for Apex Courses and is now available in Courseware.

Economics and Personal Finance A/B (Apex)

Economics and Personal Finance offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles. The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the roles of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflation, and the national debt; and a survey of the global economy. The course extends students' understanding of these principles in the context of personal finance, exploring issues such as career planning, budgeting, credit, taxes, investing, insurance, loans, and major purchases.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Ethnic Studies

In one semester of five units, Ethnic Studies explores the history, culture, and experiences of different ethnic and racial groups. The course looks at the lives of Indigenous peoples, African Americans, Latin Americans, and Asian Americans and Pacific Islanders in the United States. By studying the experiences of people in these groups, you will develop a deeper understanding of their contributions, struggles, and achievements.

In this course, you will explore the effects of historical as well as current laws and policies. Many laws and policies have focused on specific groups of people based on race or ethnicity. You will learn about the ways in which ethnic groups have shaped and contributed to American society. You will also explore the obstacles groups have faced while working to gain citizenship and equality. And through discussion, research, and projects, you will learn how the impacts of race, ethnicity, and identity lead people to have very different lives.

This course features career exploration powered by Roadtrip Nation.



Florida Economics with Financial Literacy

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

Florida M/J Civics A/B

Florida M/J Civics delivers instruction, practice, and review designed to build middle school students' understanding of the political and governmental systems of the United States and the roles played by citizens. By honing their ability to analyze civic life, political practices, and government structures, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about civics accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. As they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. Florida M/J Civics is built to state standards and informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards.

Florida M/J U.S. History A/B

Florida M/J U.S. History delivers instruction, practice, and review designed to build middle school students' knowledge of U.S. history, from the peopling of North America through the era of Reconstruction. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content. By constantly honing their ability to analyze history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about U.S. history accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. Florida M/J U.S. History is built to state standards and informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards.

Florida M/J World History A/B

Florida M/J World History delivers instruction, practice, and review designed to build middle school students' knowledge of world history, from the Neolithic Revolution through the Middle Ages. By constantly honing their ability to analyze history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about world history accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments. Florida M/J World History is built to state standards and informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards.

Florida Personal Finance and Money Management (Apex)

Florida Personal Financial Literacy and Money Management is a one-semester course aligned to the CPALMS 2024 – And Beyond standards for Personal Finance and Money Management. It is composed of six units with two to four lessons per unit. The course covers earning and spending; savings and investing; credit and debt; protection of assets; and financial planning and decision-making. Through real-life scenarios and hands-on activities, the course explores choosing among



banking and investment options, shopping for an auto loan, choosing among career and college options, financing options for continuing education, planning for retirement, and creating and living within a budget. There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Florida U.S. History A/B

This course not only introduces students to early U.S. History, but it also provides them with an essential understanding of how to read, understand, and interpret history based on Florida standards. For example, the first unit, The Historical Process, teaches reading and writing about history; gathering and interpreting historical sources; and analyzing historical information. While covering historical events from the founding events and principles of the United States through contemporary events, the course also promotes a cross-disciplinary understanding that promotes a holistic perspective of U.S. History

Florida United States Government

In this course, students will get a comprehensive look at the structure, roles, and responsibilities of the United States government from its inception to present day. By the end of the course, students will have learned about the foundations of the United States government and the U.S. political culture, analyzed the principles reflected in the U.S. Constitution, including its roots in Greek and English law, and studied the various institutions that impact American politics. Throughout the course, the interactive, problem-centered, and inquiry-based units emphasize acquisition, mastery, and processing of information related to the United States and its government. The course also prepares students to become civically engaged and knowledgeable adults who make positive contributions to their communities.

Florida World Cultural Geography A/B

Florida World Cultural Geography is a redesigned middle school course that offers 100% alignment to Florida's 2015 standards. The course prepares students to understand world geography by exploring geographic themes such as historiography, climate, physical geography, human geography, and resource distribution. The course methodically explores world geography in the Americas, Europe, Asia, the Middle East and Africa, and the Pacific World and Antarctica. Throughout the course, students engage in a variety of activities to both demonstrate and deepen their learning as they come to understand the world around them.

Florida World History A/B

In this course, students will get a comprehensive look at world history from the early Middle Ages through to the present day. By the end of the course, students will have learned about events like the Renaissance and Reformation, the world wars, the Cold War, and increasing globalization in the 21st century. This course employs many interactive features like maps and images with clickable hot spots that students can explore to get more information about things such as regions, cities, and geographical features on a map and artistic techniques and features in famous works of art. Best of all, this course is aligned to the Florida state standards of learning and to the English Language Arts (ELA) Standards for History and Social Studies.

Geography and World Cultures (Apex)

Geography and World Cultures is a robust one-semester course that explores how geographic features, human relationships, political and social structures, economics, science and technology, and the arts have developed and influenced life in countries around the world. Along the way, students are given rigorous instruction on how to read and create maps, charts, and graphs.

Geography and World Cultures is designed to be the first course in the social studies sequence. It helps students develop note-taking skills, teaches analytic writing, and introduces students to the close examination of primary documents.

This course is built to state standards and informed by standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.

This updated course was originally created for Apex Courses and is now available in Courseware.

**MS Civics A/B (Apex)**

MS Civics is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' understanding of the political and governmental systems of the United States and the roles played by citizens. By honing their ability to analyze civic life, political practices, and government structures, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about civics accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

MS Contemporary World A/B (Apex)

MS Contemporary World is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' knowledge of contemporary world geography, cultures, civics, and economics. By honing their ability to analyze the physical, social, and political forces that shape our world, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to six lessons. In each unit, activities make complex ideas about the modern world accessible through focused content, guided analysis, multimodal representations, and personalized feedback. Each lesson includes a variety of activities, such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

MS U.S. History A/B (Apex)

MS U.S. History is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' knowledge of U.S. history, from the peopling of North America through the era of Reconstruction. By constantly honing their ability to analyze history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about U.S. history accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

MS World History A/B (Apex)

MS World History is informed by the College, Career, and Civic Life (C3) Framework for Social Studies State Standards and delivers instruction, practice, and review designed to build middle school students' knowledge of world history, from the Neolithic Revolution through the Middle Ages. By constantly honing their ability to analyze history, students build the depth of knowledge and higher-order thinking skills required to demonstrate their mastery when put to the test. The two-semester course is arranged in themed units, each with three to five lessons. In each unit, activities make complex ideas about world history accessible through focused content, guided analysis, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an



interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

This updated course was originally created for Apex Courses and is now available in Courseware.

Modern World History from 1450 A/B (Apex)

In Modern World History from 1450, students study the major turning points that shaped the modern world, including the expansion of Islamic and Asian empires, transoceanic exploration, the Atlantic slave trade, the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course not only provides students with a solid foundation in the history of the modern era, but also prepares them to be active and informed citizens of the world.

Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about the history of the modern era. In discussion activities, students respond to diverse opinions, take positions, and defend their own claims. Formative and summative assessments provide students — and teachers — with ample opportunities to check in, review, and evaluate students' progress in the course.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Modern World History from 1600 A/B (Apex)

In Modern World History from 1600, students study the major turning points that shaped the modern world, including the Enlightenment, industrialization, imperialism, nationalism, political revolutions, the world wars, the Cold War, decolonization, and globalization. By presenting content from multiple perspectives and through diverse primary and secondary source materials, this course provides students with a solid foundation in the history of the modern era and prepares them to be active and informed citizens of the world.

Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about the history of the modern era. In discussion activities, students respond to diverse opinions, take positions, and defend their own claims. Formative and summative assessments provide students — and teachers — with ample opportunities to check in, review, and evaluate students' progress in the course.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Personal Financial Literacy (Apex)

Personal Financial Literacy is a one-semester course designed to introduce the key topics and principles necessary for achieving financial literacy. Students will learn the fundamentals of earning and spending, saving and investing, credit and debt, asset protection, and financial planning and decision-making. They will also explore real-life scenarios and complete hands-on activities such as choosing among banking and investment options, shopping for an auto loan, selecting among career and college options, and evaluating financing options for continuing education. In addition, the course covers retirement planning, creating and living within a budget, and applying financial decision-making skills that complement concepts from Economics and Mathematics for Personal Finance.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware

US Government

US Government is a one-semester course that is designed to promote the acquisition, mastery, and processing of information related to US government and political culture. Students will learn about the foundations of US government, the US Constitution's roots in Greek and English law, and the various institutions that affect American politics. They will also examine the structure and function of US government and develop an understanding of the political culture that



shapes it. In addition, the course covers the relationship between the Constitution and the broader political and cultural framework that defines US democratic governance.

There are no required materials for this course.

This course features career exploration powered by Roadtrip Nation.

US Government and Politics (Apex)

In US Government and Politics, students examine the history, principles, and function of the political system established by the US Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the US political system.

Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about US politics and the roles of individual Americans in politics and political organizations. In discussion activities, students respond to political opinions, take a position, and defend their own claims. Formative and summative assessments provide students — and teachers — with ample opportunities to check in, review, and evaluate students' progress in the course. For Honors students, the course culminates with a multipart independent research project focused on a topic of their choice.

This course is built to state standards and informed by the College, Career, and Civil Life (C3) Framework for Social Studies State Standards and the National Standard for Civics and Government.

This updated course was originally created for Apex Courses and is now available in Courseware.

US History A/B

US History is a two-semester course aligned to the principles of the C3 Framework. The course promotes the examination, analysis, and evaluation of important people and events in the history of the United States of America. The course also uses investigative questions to guide the examination and analysis of events. The course content promotes understanding of the impacts that historical events have had on the diverse groups that make up the United States. Clarifying Big Ideas Lessons appear throughout the course to model critical thinking skills and strategies. These skills and strategies are woven throughout the lessons to allow students to practice them in context. Activities further promote critical thinking about historical figures and encourage learners to analyze factors that impacted the decisions these figures made to shape the growth and development of the United States. The activities have learners analyze and evaluate primary and secondary sources and form opinions, using evidence to support them.

This course features career exploration powered by Roadtrip Nation.

US History A/B (Apex)

US History traces the nation's history from the pre-colonial period to the present. Students learn about the Native American, European, and African people who lived in America before it became the United States. They examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system. Students investigate the economic, cultural, and social motives for the nation's expansion, as well as the conflicting notions of liberty that eventually resulted in civil war. The course describes the emergence of the United States as an industrial nation and then focuses on its role in modern world affairs.

Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.

The course emphasizes the development of historical analysis skills such as comparing and contrasting, differentiating between facts and interpretations, considering multiple perspectives, and analyzing cause-and-effect relationships. These skills are applied to text interpretation and in written assignments that guide learners step-by-step through problem-solving activities.



This course is built to state standards and informed by the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.

This updated course was originally created for Apex Courses and is now available in Courseware.

US History Since the Civil War A/B (Apex)

US History Since the Civil War traces the nation's history from the end of the Civil War to the present. It describes the emergence of the United States as an industrial nation, highlighting social policy as well as its role in modern world affairs.

Students evaluate the attempts to bind the nation together during Reconstruction while also exploring the growth of an industrial economy. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.

The course emphasizes the development of historical analysis skills such as comparing and contrasting, differentiating between facts and interpretations, considering multiple perspectives, and analyzing cause-and-effect relationships. These skills are applied to text interpretation and in written assignments that guide students step-by-step through problem-solving activities.

Honors students perfect their ability to use logic and evidence to create persuasive written arguments in five-paragraph essays, two independent research projects, and shorter exercises such as document-based questions and analytical discussions.

The course is built to state standards and standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for the Social Studies.

This updated course was originally created for Apex Courses and is now available in Courseware.

World Geography A/B

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

This course features career exploration powered by Roadtrip Nation.

World History A/B

In World History, learners will explore historical world events with the help of innovative videos, timelines, and interactive maps and images. Learners will develop historical thinking skills and apply them to their study of European exploration, the Renaissance, the Reformation, and major world revolutions. They will also study World War I, World War II, the Cold War, and the benefits and challenges of living in the modern world.

This course features career exploration powered by Roadtrip Nation.

World History A/B (Apex)

In World History, students learn to see the world today as the product of a process that began thousands of years ago when humans became a speaking, traveling, and trading species. Through historical analysis grounded in primary sources, case studies, and research, students investigate the continuity and evolution of human culture, governments, economic systems, and social structures.

Students build and practice historical thinking skills, learning to connect specific people, places, events, and ideas to the larger trends of world history. In critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to reason chronologically, interpret and synthesize sources, identify connections between ideas, and develop well-supported historical arguments. Students write throughout the course,



responding to primary sources and historical narratives through journal entries, essays, and visual presentations of social studies content. In discussion activities, students respond to the positions of others while staking and defending their own claims. The course's rigorous instruction is supported with relevant materials and active learning opportunities to ensure students at all levels can master the key historical thinking skills.

This course is built to state standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

World History Survey A/B

In World History Survey, learners will study major historical events from early human societies through to the present day. Multimedia tools including custom videos as well as videos from the BBC, custom maps, and interactive timelines will help engage learners as they complete this year-long course. Topics of study include early civilizations, world religions, the Renaissance, the World Wars, and the globalized world of today.

This course features career exploration powered by Roadtrip Nation.

World History to the Renaissance A/B (Apex)

World History to the Renaissance is a two-semester course informed by standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for Social Studies. The course traces the development of civilizations around the world from prehistory to the Renaissance.

The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, science and technology, and the arts.

Topics covered in this course include the birth of civilizations; the classical civilizations of India, China, Greece, and Rome; the rise of new empires such as the Byzantine; and an examination of civilizations in Africa and North and South America. From there, students journey to the Middle Ages and into the Renaissance.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

World Languages

AP® Spanish Language and Culture A/B (Apex)

AP® Spanish Language and Culture is a two-semester course where students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. By the end of the course, students will have an expansive vocabulary, a solid, working knowledge of all verb forms and tenses, strong command of other language structures, and an ability to use language in many different contexts and for varied purposes. The equivalent of a college-level language course, AP® Spanish Language prepares students for the AP® exam and for further study of Spanish language, culture, or literature.

The materials needed for this course include a Spanish-English, English-Spanish dictionary and microphone.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

This course was originally created for Apex Courses and is now available in Courseware.

Florida French 1 A/B

In Florida French 1A, they will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar.



Students will also learn about some regions of the French-speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In Florida French 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they learned in the French 1A course and communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world that the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Florida French 2 A/B

In Florida French 2A, students will be reintroduced to French in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. Students will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, they will discuss different types of cuisine, dining establishments, and dining etiquette. Students will build on what they learned in the French 1B course to communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In Florida French 2B, students will be reintroduced to French in common situations, beginning with various professions and career plans for the future. They will discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. Students will also describe different hobbies, activities, and crafts that people enjoy. Finally, they will discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. Students will build on what they learned in the French 2A course to communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Florida German 1 A/B

In Florida German 1A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their German studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In Florida German 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they have learned in the German 1A course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world that the central characters of each unit are visiting. Students will



build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Florida German 2 A/B

In Florida German 2A, students will be reintroduced to German in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what they learned in the German 1B course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In Florida German 2B, students will be reintroduced to German in common situations, beginning with various professions and career plans for the future. They will discuss traveling to various regions and the flora and fauna found in each region and describe types of trips, including road trips, camping, and ecotourism. They will also describe hobbies, activities, and crafts that people enjoy. Finally, students will discuss medical specialists, including dentists and veterinarians, and symptoms related to illness and injury. They will build on what they learned in the German 2A course to communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Florida Spanish 1 A/B

In Florida Spanish 1A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of social life. Students will start with basic sentence structures and grammatical tools, and they will learn to communicate by listening, speaking, reading, and writing in Spanish as they learn new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. In Florida Spanish 1B, students will be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being and travel and tourism. They will build on what they learned in the Spanish 1B course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world that the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Florida Spanish 2 A/B

In Florida Spanish 2A, students will be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. Students will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what you learned in Spanish 1B to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as



a foundation for further learning. In Florida Spanish 2B, students are reintroduced to Spanish in common situations, beginning with various professions and career plans for the future. They will discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. They will also describe different hobbies, activities, and crafts that people enjoy. Finally, students will discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. They will build on what they have learned in the Spanish 2A course to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Florida Spanish 3 A/B

In Florida Spanish 3A, students will be reintroduced to Spanish in common situations, beginning with various daily routines, describing friends and family, childhood memories and activities, and childhood hopes and aspirations. They will discuss and describe art, such as paintings and sculptures, and literature, such as novels and novellas, and give reactions and form opinions about art and literature. Students will also understand the process of selecting and applying to a university, aspirations at the university, and dealing with leaving home and moving into a dormitory. Further, students will describe university life and expectations from the university experience. They will explore the dynamics and challenges of multiethnic and developing societies, environmental and social issues, causes and possible resolutions, and learning about unfamiliar countries using technology. Finally, they will discuss current events reported in the media, different types of classified and other types of advertisement in the media (both print and online), the sections and supplements of a newspaper or magazine, and various jobs available in the media. Students will build on what they learned in Spanish 2 to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In Florida Spanish 3B, students will be reintroduced to Spanish in a variety of situations, beginning with multiculturalism, bilingualism, cultural influences on traditions, customs, food, and social experiences, and legends and folklore from different cultures. Students will discuss and describe genres of music, poetry, drama, and short stories, and proverbs from different cultures. They will also explore how geographical features affect the weather, and how the geography and weather affect the clothing, food, and livelihoods of the local population. Students will also understand the history of Venezuela and how the Spanish conquerors and indigenous people shaped the culture of the country, and they will learn about the South American independence movement, including some significant freedom fighters and their struggles to win independence. They will also discuss religions practiced in Argentina, the cultural icons of the country and how they compare to cultural icons from other countries, sports and activities in Argentina, some national symbols, such as the gauchos, and idioms and sayings from Argentina. Finally, students will discuss types of wildlife and natural and agricultural resources found in Costa Rica, the human resources of the country that help overcome economic and natural disasters, and how to write formal and informal letters to share experiences. They will build on what they learned in Spanish 3A to communicate by listening, speaking, reading, and writing in Spanish as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

French 1 A/B

In French 1, Semester A, they will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will



communicate by listening, speaking, reading, and writing in French as they internalize new vocabulary and grammar. Students will also learn about the regions of the French-speaking world that the central characters of each unit visit. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Semester B, students will be introduced to several common situations in which people describe how to earn, save, and manage money; modes of urban transportation; various seasons and their associated weather conditions; and food, clothing, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they learned in French 1 and communicate in French through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. They will also learn about the regions of the French-speaking world that the central characters in each unit visit. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

This course features career exploration powered by Roadtrip Nation.

French 2 A/B

In French 2, Semester A, students will be reintroduced to French in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employers. Students will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, they will discuss different types of cuisine, dining establishments, and dining etiquette. Students will build on what they learned in French 1 to communicate in French through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Semester B, students will be reintroduced to French in everyday situations, beginning with various professions and future career plans. They will discuss traveling to different regions, and the flora and fauna found in each region, and describe different types of trips, including road trips, camping, and ecotourism. Students will also describe different hobbies, activities, and crafts that people enjoy. Finally, they will discuss various medical specialists, including dentists and veterinarians, and describe symptoms of illness and injury. Students will build on what they learned in Semester A to communicate in French through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. They will also learn about some regions of the French-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their French studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

This course features career exploration powered by Roadtrip Nation.

German 1 A/B

In German 1, Semester A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of their social life. They will start with basic sentence structures and grammatical tools, and they will communicate by listening, speaking, reading, and writing in German as they internalize new vocabulary and grammar. Students will also learn about the regions of the German-speaking world that the central characters of each unit visit. They will build on this semester's work as they advance in their German studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Semester B, students will be introduced to several common situations in which people describe how to earn, save, and manage money; modes of urban transportation; various seasons and associated weather conditions; and food, clothing, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being, and travel and tourism. They will build on what they have learned in Semester A to communicate in German



through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. They will also learn about the regions of the German-speaking world that the central characters in each unit visit. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

This course features career exploration powered by Roadtrip Nation.

German 2 A/B

In German 2, Semester A, students will be reintroduced to German in common situations, beginning with describing classes, school friends, teachers, and school supplies. They will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employers. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what they learned in German 1 to communicate in German through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. Students will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Semester B, students will be reintroduced to German in common situations, beginning with various professions and future career plans. They will discuss traveling to various regions and the flora and fauna found in each region, and describe types of trips, including road trips, camping, and ecotourism. They will also describe hobbies, activities, and crafts that people enjoy. Finally, students will discuss medical specialists, including dentists and veterinarians, as well as symptoms related to illness and injury. They will build on what they learned in Semester A to communicate in German through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. They will also learn about some regions of the German-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their German studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

This course features career exploration powered by Roadtrip Nation.

Spanish 1 A/B

In Spanish 1, Semester A, students will be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of social life. Students will start with basic sentence structures and grammatical tools, and they will learn to communicate by listening, speaking, reading, and writing in Spanish as they learn new vocabulary and grammar. They will also learn about the regions of the Spanish-speaking world that the central characters in each unit visit.

In Semester B, students will be introduced to several common situations in which people describe how to earn, save, and manage money; modes of urban transportation; various seasons and their associated weather conditions; and food, clothing, and activities. They will also describe various art forms, plays, concerts, and movies. Students will discuss health and well-being and travel and tourism. They will build on what they learned to communicate in Spanish through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. Students will also learn about the regions of the Spanish-speaking world that the central characters of each unit visit. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

This course features career exploration powered by Roadtrip Nation.

Spanish 2 A/B

In Spanish 2, Semester A, students will be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. Students will discuss different styles of dressing, housing, and neighborhoods, and learn about relationships between family members and friends, students and teachers, and



employees and employers. They will also describe daily personal routines and schedules, household chores, and family responsibilities. Finally, students will discuss different types of cuisine, dining establishments, and dining etiquette. They will build on what they learned in Spanish 1 to communicate in Spanish through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Spanish 2, Semester B, students are reintroduced to Spanish in common situations, beginning with various professions and future career plans. They will discuss traveling to different regions, and the flora and fauna found in each region, and describe different types of trips, including road trips, camping, and ecotourism. They will also describe different hobbies, activities, and crafts that people enjoy. Finally, students will discuss various medical specialists, including dentists and veterinarians, and describe symptoms of illness and injury. They will build on what they have learned in Semester A to communicate in Spanish through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

This course features career exploration powered by Roadtrip Nation.

Spanish 3 A/B

In Spanish 3, Semester A, students will be reintroduced to Spanish in common situations, beginning with daily routines, descriptions of friends and family, childhood memories and activities, and childhood hopes and aspirations. They will discuss and describe art, such as paintings and sculptures, and literature, such as novels and novellas, and give reactions and form opinions about them. Students will also understand the process of selecting and applying to a university, their aspirations for university life, and the transition from home to a dormitory. Further, students will describe university life and expectations from the university experience. They will explore the dynamics and challenges of multiethnic and developing societies, environmental and social issues, causes and possible resolutions, and learn about unfamiliar countries using technology. Finally, they will discuss current events reported in the media, different types of classified and other types of advertisement in the media (both print and online), the sections and supplements of a newspaper or magazine, and various jobs available in the media. Students will build on what they learned in Spanish 2 to communicate in Spanish through listening, speaking, reading, and writing as they internalize new vocabulary and grammar. They will also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. Students will build on this semester's work as they advance in their Spanish studies: everything that students learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

In Semester B, students will be reintroduced to Spanish in a variety of situations, beginning with multiculturalism, bilingualism, and cultural influences on traditions, customs, food, and social experiences, as well as legends and folklore from different cultures. Students will discuss and describe the genres of music, poetry, drama, and short stories, as well as proverbs from different cultures. They will also explore how geographical features affect the weather and how the weather, in turn, affects the clothing, food, and livelihoods of the local population. Students will also understand Venezuela's history and how Spanish conquerors and indigenous peoples shaped the country's culture, and they will learn about the South American independence movement, including significant freedom fighters and their struggles to achieve independence. They will also discuss the religions practiced in Argentina, the country's cultural icons, and how they compare to those of other countries, sports and activities in Argentina, some national symbols, such as the gauchos, and idioms and sayings from Argentina. Finally, students will discuss the types of wildlife and the natural and agricultural resources found in Costa Rica, the country's human resources that help overcome economic and natural disasters, and how to write formal and informal letters to share experiences. They will build on what they learned in Semester A to communicate in Spanish through listening, speaking, reading, and writing while internalizing new vocabulary and grammar. Students will also learn about some regions of the Spanish-speaking world where the central



characters of each unit are visiting. They will build on this semester's work as they advance in their Spanish studies: everything that they learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

This course features career exploration powered by Roadtrip Nation.

Electives

AP® Computer Science A

AP® Computer Science is designed to introduce students to the basic concepts of computer programming. Students learn how to compile and run a Java program. They learn to use arithmetic, relational, and logical operators. They learn to use different decision-making and loop statements. They learn to create classes, methods, String objects, and an ArrayList object. They learn to perform sequential search, binary search, selection sort, and insertion sort on an array. They learn to implement object-oriented programming design. They learn to implement inheritance, polymorphism, and abstraction. Further, they describe privacy and legality in the context of computing.

This course has been authorized by the College Board® to use the AP® designation.

*Advanced Placement® and AP® are registered trademarks and/or owned by the College Board, which was not involved in the production of, and does not endorse this product.

Academic Success

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

There are no required materials for this course.

Art Appreciation (Apex)

Art Appreciation is a survey of the history of Western visual arts, with a primary focus on painting. Students begin with an introduction to the basic principles of painting and learn how to critique and compare works of art. Students then explore prehistoric and early Greek and Roman art before they move on to the Middle Ages. Emphasis is placed on the Renaissance and the principles and masters that emerged in Italy and northern Europe. Students continue their art tour with the United States during the 20th century, a time of great innovation as abstract art took center stage. While Western art is the course's primary focus, students finish the course by studying artistic traditions from Africa, Asia, Oceania, and the Americas.

Coverage of each artistic movement highlights historical context and introduces students to key artists who represent a variety of geographic locations. Throughout the course, students apply what they have learned about art critique to analyze and evaluate both individual artists and individual works of art.

This course is built to state standards and informed by the Consortium of National Arts Education Associations standards. It encompasses a variety of skills to enable students to critique, compare, and perhaps influence their own works of art.

This updated course was originally created for Apex Courses and is now available in Courseware.

Art History and Appreciation

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

Artificial Intelligence



Artificial Intelligence is a one-semester course focused on the history, applications, and innovations of artificial intelligence. Students will learn about intelligence agents, problem solving using search algorithms, knowledge representation, and reasoning in artificial intelligence. Students will also learn about the basic concepts of machine learning and natural language processing (NLP). Students will also learn about expert systems, computer vision and robotics. This 12-lesson course also covers ethics and safety related to artificial intelligence. Online discussions and course activities require students to develop and apply critical thinking skills. There are no required materials for this course.

Creative Writing

Creative Writing is a one-semester course that is designed to get students to pursue creative writing as a vocation or as a hobby. To that purpose, it exposes them to different genres and techniques of creative writing and the key elements (such as plot and characterization in fiction) in each genre. Great creative writing doesn't come merely by reading about the craft—one also needs ideas; a process for planning, drafting and revising; and the opportunity to experiment with different forms and genres. The lessons in this course familiarize students with the basic structure and elements of different types or genres of writing.

Creative Writing (Apex)

Creative Writing is an English elective course that focuses on the exploration of short fiction and poetry, culminating in a written portfolio that includes one revised short story and three to five polished poems. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and facility with the writing process as they study elements of creative writing.

Elements of fiction writing explored in this course include attention to specific detail, observation, character development, setting, plot, and point of view. In the poetry units, students learn about the use of sensory details and imagery, figurative language, and sound devices including rhyme, rhythm, and alliteration. They also explore poetic forms ranging from found poems and slam poetry to traditional sonnets and villanelles.

In addition to applying literary craft elements in guided creative writing exercises, students engage in critical reading activities designed to emphasize the writing craft of a diverse group of authors. Students study short stories by authors such as Bharati Mukherjee and Edgar Allan Poe, learning how to create believable characters and develop setting and plot. Likewise, students read poetry by canonical greats such as W. B. Yeats and Emily Dickinson as well as contemporary writers such as Pablo Neruda, Sherman Alexie, and Alice Notley. Studying the writing technique of a range of authors provides students with models and inspiration as they develop their own voices and refine their understanding of the literary craft.

By taking the Creative Writing course, students find new approaches to reading and writing that can affect them on a personal level, as the skills they gain in each lesson directly benefit their own creative goals. Students who are already actively engaged writers and readers learn additional tools and insight into the craft of writing to help them further hone their skills and encourage their creative as well as academic growth.

This course is built to state standards and informed by the National Council of Teachers of English (NCTE) standards. *This updated course was originally created for Apex Courses and is now available in Courseware.*

Environmental Science A/B

Environmental Science is designed to introduce students to the main concepts of environmental science. It will help students gain knowledge of the natural processes that occur in nature and understand their importance and relevance. Students will also gain awareness of some of the environmental issues and challenges we face in the world today, such as land use and management, wildlife conservation, resource and waste management, and the different kinds of pollution. Finally, students will learn about energy sources and production, sustainable development, and environmental policies.

Gothic Literature



Gothic Literature is a one-semester course intended to familiarize students with the different conventions, themes, and elements of Gothic literature through the analysis of representative literary works. Students will discuss classics such as Mary Shelley's novel *Frankenstein*, Ann Radcliffe's novel, *A Sicilian Romance*, Nathaniel Hawthorne's novel, *The Scarlet Letter*, Robert Louis Stevenson's Gothic novella, *The Strange Case of Dr. Jekyll and Mr. Hyde*, and Bram Stoker's *Dracula*. Students will also analyze Edgar Allan Poe's Gothic short stories, Robert Browning's Gothic poems, and Emily Dickinson's poems about death, mortality, and spirituality. Finally, students will get a glimpse of Matthew Lewis and Percy Bysshe Shelley's Gothic dramas; learn about Gothic parodies and Gothic subgenres; and discuss contemporary Gothic literature. There are no required materials for this course.

Introduction to Anthropology

Introduction to Anthropology is a one-semester course designed to promote understanding of the field of anthropology and the evolution of human society and culture. Students will examine the development of anthropology as a distinct discipline, key anthropological terms, concepts, and theories, the branches of anthropology, and human origin and evolution. The course places a particular focus on culture, language and communication, art and aesthetics, subsistence and economy, and social institutions such as marriage, religion, and political systems. In unit activities, students will trace the contributions of pioneering anthropologists, analyze anthropological methods and concepts, and describe the roles and functions of socio-cultural institutions across human societies. Students will also examine social groups and kinship systems and explore concepts of race, caste, and ethnicity in anthropological context. There are no required materials for this course.

Introduction to Archaeology

Introduction to Archaeology is a one-semester course designed to promote understanding of archaeology as a scientific discipline and professional field. Students will examine the evolution and interdisciplinary nature of archaeology, diverse archaeological methodologies and their applications, and the ethical dimensions of archaeological practice. The course places particular emphasis on cultural responsibilities toward indigenous communities, artifact preservation, and public engagement. In unit activities, students will analyze primary and secondary sources to draw evidence-based conclusions about archaeological sites and cultural practices and investigate and interpret material evidence from past cultures. Students will also design strategies for site protection and public education initiatives and develop a broader appreciation for the role of archaeology in understanding human history. There are no required materials for this course.

Introduction to Philosophy

Introduction to Philosophy is a one-semester course designed to promote understanding of the major branches of philosophy and the key ideas and issues examined within each. Students will explore the contributions of major philosophers and core concepts in metaphysics, epistemology, logic, and the philosophy of art. The course places particular emphasis on value theory, moral systems, theories of God's existence and the problem of evil, and fundamental concepts in social and political philosophy. In unit activities, students will apply the fundamentals of logic and argumentation to evaluate philosophical arguments, assess philosophical theories in real-life and professional contexts, and examine issues in bioethics and in finance and business. Students will also analyze how philosophical inquiry can be applied to questions of ethics, knowledge, and the nature of reality. There are no required materials for this course.

Introduction to Visual Arts

Introduction to Visual Arts is a one-semester course designed to enable all students at the high school level to familiarize themselves with different types of visual arts. Students will trace the history of art, describe various art forms, and identify the elements of art. After examining the principles of design, students will delve into the parameters involved in evaluating and critiquing art. There are no required materials for this course.

Introduction to World Religions



Introduction to World Religions is a one-semester course that familiarizes students with the origins, history, beliefs, and practices of various prominent world religions, primal religions, and contemporary religious movements. The target audience for this course is high school students. This course covers primal religious traditions, Hinduism, Buddhism, Jainism, Sikhism, Zoroastrianism, Judaism, Christianity, Islam, Confucianism, Taoism, and Shinto and contemporary religious movements.

There are no required materials for this course.

Music Appreciation

Music Appreciation is a one-semester course that provides your students with opportunities to explore the arts from both an informational and career-oriented perspective. In Music Appreciation, students will explore the history and evolution of music, learn the elements of music and musical notations, and the contributions of popular music artists and composers. A variety of lessons, activities, and discussions will help to develop an awareness and appreciation of music that will develop not only critical thinking skills, but life enriching skills as well.

There are no required materials for this course.

Music Appreciation A/B (Apex)

Music Appreciation introduces students to the history, theory, and genres of music, from the most ancient surviving examples to the most contemporary in the world at large. The course is offered in a two-semester format. The first semester covers primitive musical forms and classical music. The second semester presents rich modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop.

The course explores the interface of music and social movements and examines how global society and the internet bring musical forms from around the world together in new ways.

This updated course was originally created for Apex Courses and is now available in Courseware.

Mythology and Folklore

Mythology and Folklore is a one-semester course designed to promote understanding of myths, legends, and folklore from cultures around the world. Students will examine the role of mythology in various cultures, creation and destruction myths, myths related to natural elements and events, and the evolution of folklore and folktales. The course places a particular focus on classical gods and goddesses, epic legends such as the Trojan War and the odyssey of Odysseus, and British legends including King Arthur and Robin Hood. In unit activities, students will analyze the hero cycle and the qualities embodied by heroes across cultures and examine dynastic dramas and love myths involving gods and mortals. Students will also identify the roles of tricksters, monsters, and legendary figures in myths and folklore from around the world.

There are no required materials for this course.

Personal Communication (Apex)

Personal Communication is a one-semester course that teaches students how to become effective at verbal and nonverbal expression. In a rapidly changing world filled with constantly evolving technology, social media, and social networking, students need skills to send clear verbal and nonverbal messages and adapt those messages to multiple contexts. Students need to prepare to identify, analyze, develop, and evaluate communication skills in personal, academic, and professional interactions.

Major topics include intrapersonal and interpersonal interaction, informal communication and interviewing, and the preparation and delivery of informal, informational, and persuasive addresses. Students also engage in recognizing bias, resolving conflicts, and evaluating media messages; gain an understanding of elements of ethical communication and group dynamics; and participate in peer review.

This updated course was originally created for Apex Courses and is now available in Courseware.

Psychology (Apex)

Psychology provides a solid overview of the field's major domains: methods, biopsychology, cognitive and developmental psychology, and variations in individual and group behavior.



By focusing on significant scientific research and on the questions that are most important to psychologists, students see psychology as an evolving science. Each topic clusters around challenge questions, such as “What is happiness?” Students answer these questions before, during, and after they interact with direct instruction.

This course is built to state standards and informed by the American Psychological Association's National Standards for High School Psychology Curricula. The teaching methods draw from the National Science Teachers Association (NSTA) teaching standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Sociology (Apex)

Sociology examines why people think and behave as they do in relationships, groups, institutions, and societies.

Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists.

In online discussions and polls, students reflect critically on their own experiences and ideas, as well as on the ideas of sociologists. Interactive multimedia activities include personal and historical accounts to which students can respond, using methods of inquiry from sociology. Written assignments provide opportunities to practice and develop skills in thinking and communicating about human relationships, individual and group identity, and all other major course topics.

This course is built to state standards and the National Council for the Social Studies (NCSS) Expectations of Excellence: Curriculum Standards for Social Studies.

This updated course was originally created for Apex Courses and is now available in Courseware.

Structure of Writing

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

Women's Studies

Women's Studies is a one-semester course that introduces students to women's studies, gender studies, and gender roles. The course traces the history of feminism, analyzes feminist theories, and examines intersectionality. Students will learn about social and political movements for the rights of women and other vulnerable groups. Students will also learn about social and family structures and socialization, which include identifying prejudices, biases, and stereotypes that exist in society and how the media perpetuates some stereotypes about gender roles and identities. The course also covers different forms of oppression, ways to prevent oppression, and methods to help and empower victims. Students will learn about international activism for gender equality, legal rights, and the challenges in achieving equality for all citizens from every section of society. The course combines a variety of content types, including lessons, activities, and discussions to engage learners as they discover the significance of women's studies.

There are no required materials for this course.

Health, Fitness & Physical Education

Adaptive Physical Education

This course is designed specifically for students with physical limitations. The content is similar to Fitness Fundamentals 1, but additional modification resources are provided to allow 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, as well as the techniques, components, principles, and guidelines of exercise to keep them safe and healthy.

Advanced Physical Education 1

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, while participating in physical activities and applying principles they've learned. Basic anatomy, biomechanics, physiology, and sports nutrition are all integral parts of this course. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Advanced Physical Education 2

This course gives the student an in-depth view of physical fitness by studying subjects such as: biomechanics, nutrition, exercise programming, and exercise psychology. Students will apply what they learn by participating in a more challenging exercise requirement. Throughout this course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility.

Anatomy

In this course students will explore the anatomy or structure of the human body. In addition to learning anatomical terminology, students will study and the main systems of the body- including integumentary, 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.

Comprehensive Physical Education

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. Throughout this course students will also participate in a weekly fitness program involving elements of cardio, strength, and flexibility training.

Credit Recovery Health

Credit Recovery Health is ideal for students who have had prior exposure to health, yet were unable to receive credit for their previous work by demonstrating mastery of the material. The course contains all the essential content with reduced coursework. Students learn to define mental, social, physical, and reproductive health as well as learning about drugs and safety.

Credit Recovery Physical Education 1

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 by demonstrating mastery of the material. The course contains 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 course.

Credit Recovery Physical Education 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 by demonstrating mastery of the material. The course contains 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 course.

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 takes an in-depth examination of the effects of exercise on the body. Through this course, students will learn basic anatomy, biomechanics, and physiology, as well as proper principles and techniques to designing an effective exercise program. The study of nutrition and human behavior will also be integrated into the course to enhance the students' comprehension of this multifaceted subject.

Family & Consumer Science

Family & Consumer Science prepares students with a variety of skills for independent or family living. Topics covered include child care, home maintenance, food preparation, money management, medical management, clothing care, and more. They also focus 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 & Healthy Relationships

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. They also focus 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 of emergency situations. They also learn the procedures for choking and CPR for infants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness.

Fitness Basics 1

This course provides students with a basic understanding of fitness and nutrition. Students will learn about exercise safety, team and individual sports, nutrition, and the importance of staying active throughout their lifetime. Students conduct fitness assessments, set goals, develop their own fitness program, and participate in weekly physical activity.

Fitness Basics 2

This course provides students with a basic understanding of fitness and nutrition. Students will learn about exercise safety, team and individual sports, nutrition, and the importance of staying active throughout their lifetime. Students conduct fitness assessments and participate in weekly physical activity.

Fitness Fundamentals 1

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 training.



Fitness Fundamentals 2

This course takes a more in-depth look at the five components of physical fitness touched on in Fitness Fundamentals 1: 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-competitive atmosphere. By targeting different areas of fitness, students increase their understanding of health habits and practices and improve their overall fitness level. 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.

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. Students focus 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, as well as touch on aspects of yoga and Pilates. This course also discusses good nutrition and effective cross-training. Students take a pre- and post-fitness assessment. Throughout this course students also participate in a weekly fitness program involving flexibility training, as well as elements of cardio and strength training.

Florida HOPE A/B

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness according to Florida standards.

Florida Physical Education

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

Group Sports

This course provides students with an overview of group sports. Students learn about a variety of sports, yet do an in-depth study of soccer, basketball, baseball/softball, and volleyball. 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 regular weekly physical activity.

HOPE (Health Opportunities through Physical Education) 1

This comprehensive health and PE 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. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

HOPE (Health Opportunities through Physical Education) 2

This comprehensive health and PE 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. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Health

Health is based on a rigorously researched scope and sequence that covers the essential concepts of health. Students are provided with a variety of health concepts and demonstrate their understanding of those concepts through problem



solving. The five units explore a wide variety of topics that include nutrition and fitness, disease and injury, development and sexuality, substance abuse, and mental and community health.

This course features career exploration powered by Roadtrip Nation.

Health & Personal Wellness

This comprehensive health 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. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Health (Apex)

Health is a one-semester course designed to build the skills students in grades 9 through 12 need to protect, enhance, and promote their own health and the health of others. This skills-based course helps students develop knowledge, attitudes, and essential skills in a variety of health-related subjects, including mental and emotional health, social health, nutrition, physical fitness, substance use and abuse, disease prevention and treatment, and injury prevention and safety. With accessible information and interactive learning, the course teaches students to apply the skills they need to stay healthy. These skills include identifying and accessing valid health information, practicing self-management, identifying internal and external influences, communicating effectively, making healthy decisions, setting goals, and advocating for themselves and others.

There are no required materials for this course.

This course was originally created for Apex Courses and is now available in Courseware.

Health Careers

In this course, 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.

Individual Sports

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, hiking, yoga, dance, swimming, biking, 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, the FITT principles, benefits of fitness, safety and technique, and good nutrition. Students conduct fitness assessments and participate in weekly physical activity.

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 ethics.

Intro to Group Sports 1

This course provides students with an overview of group sports. Students learn about a variety of sports, and an in-depth study of soccer or basketball. Students learn not only the history, rules, and guidelines of each sport, but practice specific skills related to each sport. Students also learn about 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.



Intro to Group Sports 2

This course provides students with an overview of group sports. Students learn about a variety of sports and do an in-depth study of baseball/softball, and volleyball. Students learn the history, rules, and guidelines of each sport, as well as 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 a pre- and post-fitness assessment, as well as participate in regular weekly physical activity.

Intro to Individual Sports 1

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, Pilates, dance, water sports, and cross-training. Students learn the history, rules, and guidelines of each sport, and 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.

Intro to Individual Sports 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, Pilates, dance, water sports, and cross-training. Students learn the history, rules, and guidelines of each sport, and 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.

Intro to Nursing 1

This two semester course introduces students to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, crisis management will be included.

Intro to Nursing 2

This two semester course introduces students to the field of nursing. In the first semester students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. Students will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. In semester two students will examine various nursing theories, as well as focus on the nursing process, including assessment, diagnosis, and treatment options. Students will also learn about professional and legal standards and ethics. Additional skills of communication, teaching, time and stress management, patient safety, and crisis management will be included.

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 & stress management, communication & healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students will explore possible colleges and careers that match their needs, interests, and talents.

Lifetime & Leisure Sports

This course provides students with an overview of 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.

Medical Terminology

In this course students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology for common tests, procedures, pharmacology, disease, and conditions.

Middle School Health

Middle School Health aids students in creating a foundation of personal health. Beginning with properly defining health, this course then builds upon basic health practices to emphasize the importance of balance. Attention is given to each of the six dimensions of wellness; namely, physical, intellectual, emotional, spiritual, social, and environmental. Students are taught the skills necessary to improve every aspect of health. They are also encouraged to reflect upon their own personal wellness each week.

Nutrition

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

Outdoor Sports

This course provides students with an overview of dual and individual sports. Students learn about a variety of sports, and do an in- depth study of hiking and orienteering, golf, and dual 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 & Fitness

This combined health and PE 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. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the course. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

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.

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.



Physical Education

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

This course features career exploration powered by Roadtrip Nation.

Physical Education (Apex)

Physical Education combines the best of online instruction with actual student participation in weekly cardiovascular, aerobic, and muscle toning activities. The course promotes a keen understanding of the value of physical fitness and aims to motivate students to participate in physical activities throughout their lives.

Specific areas of study include: Cardiovascular exercise and care, safe exercising, building muscle strength and endurance, injury prevention, fitness skills and FITT benchmarks, goal setting, nutrition and diet (vitamins and minerals, food labels, evaluation product claims), and stress management. The course requires routine participation in adult-supervised physical activities. Successful completion of this course will require parent/legal guardian sign-off on student-selected physical activities and on weekly participation reports to verify the student is meeting his or her requirements and responsibilities.

Physical Education is built to state standards and informed by the Presidential Council on Physical Fitness and Sports standards.

No required or optional materials.

This updated course was originally created for Apex Courses and is now available in Courseware.

Physiology

In this course, students will examine the functions of the body's biological systems—including skeletal, muscular, circulatory, respiratory, digestive, 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.

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, football, and tennis. 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 one-semester course by Carone Fitness focuses on the fitness components of muscular strength and endurance. Throughout this course 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, to strength training.



Walking Fitness

This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. 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 nutrition and 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.

Career & Technical Education

Career Interest Explorer

Career Interest Explorer: Build in Grades 11-12

Career Interest Explorer: Build in Grades 11–12 is a minicourse designed to help students transition from high school experiences to planning their next steps, whether that means further education or entering the workforce. The course aims to build awareness and provide planning tools for these next steps.

The course uses the Career Interest Explorer inventory and O*net resources to help students identify the future education, certifications, or opportunities they will need. Through interactive lessons, students learn how to turn their interests into goals and actions, solidify their visions, create action plans, and help them understand the importance of skills that will allow them to communicate those plans clearly and confidently.

While the early high school course focuses on planning for high school experiences, this later high school course emphasizes the skills needed for students' next stage of life. Students will also learn about durable skills such as fortitude, leadership, and communication to support this developmental stage. These skills are valued by all employers and are applicable across all career paths.

Career Interest Explorer: Discover in Grades 6-8

Career Interest Explorer: Discover in Grades 6–8 is a mini-course designed to help students connect their academic learning to their interests and skill development, fostering future-oriented thinking and meaning, especially as learning demands increase. By integrating personal exploration with students' future goals, the course aims to empower them to take control of their achievements.

The course includes developmentally appropriate learning and active engagement in exploring career possibilities based on their skills and interests. It uses the Career Interest Explorer inventory to help students better understand their interests and encourages them to explore various career options through resources such as O*net. This exploration process includes targeted skill development in setting goals and taking action to achieve goals.

Additionally, the course focuses on essential, durable skills valued by all employers and applicable across all career paths. These skills include mindfulness, creativity, and developing a growth mindset, which supports exploration and innovative thinking.

Career Interest Explorer: Plan in Grades 9-10

Career Interest Explorer: Plan in Grades 9–10 is a minicourse designed to help students plan their high school academic journeys by identifying and maximizing opportunities that clarify their interests and prepare them for targeted career exploration. It combines the Career Interest Explorer inventory with interactive lessons that reveal how their interests can be transformed into goals and actions, leading to focused experiences and skill-building in their chosen career paths.

Unlike the more open-ended career exploration students did in middle school, this early high school course guides students toward creating specific career paths. These paths enable students to intentionally engage in experiences that refine their goals and interests into actionable course choices and activities.

Additionally, the course emphasizes essential, durable skills valued by all employers and applicable across all career paths. These skills include critical thinking, metacognition, and collaboration, which are crucial for personal decision-



making.

Advanced Manufacturing

Florida Introduction to Manufacturing A/B

Florida Introduction to Manufacturing is a two-semester course designed to promote understanding of the history, processes, and systems of the manufacturing industry. Students will examine the evolution of manufacturing and engineering, materials and tools used in production, engineering design, and mass, lean, and agile production systems. The course places a particular focus on quality control, maintenance, and the relationship between marketing and manufacturing. In unit activities, students will create and assess engineering drawings, produce a production schedule, and use statistical tools and mathematical calculations to improve manufacturing processes. Students will also evaluate career opportunities and the skills and characteristics required for success in the manufacturing field. There are no required materials for this course.

Principles of Engineering and Technology A/B

Principles of Engineering and Technology is a two-semester course designed to promote understanding of engineering systems, technologies, and design processes. Students will examine the historical evolution of engineering and technology, branches of engineering including mechanical, fluid, thermal, and electrical systems, and manufacturing processes and materials. The course places a particular focus on energy systems, automation, safety practices, and the societal impact of modern technologies. In unit activities, students will evaluate structural designs and electrical circuits, apply engineering design processes to solve technical problems, and explore career opportunities in the field. Students will also develop professional workplace communication strategies and examine the role of professional organizations in career and technical education.

There are no required materials for this course.

Principles of Manufacturing A/B

Principles of Manufacturing is a two-semester course designed to promote understanding of the history, processes, and systems of the manufacturing industry. Students will examine the evolution of manufacturing and engineering, materials and tools used in production, engineering design, and mass, lean, and agile production systems. The course places a particular focus on quality control, maintenance, and the relationship between marketing and manufacturing. In unit activities, students will create and assess engineering drawings, produce a production schedule, and use statistical tools and mathematical calculations to improve manufacturing processes. Students will also evaluate career opportunities and the skills and characteristics required for success in the manufacturing field.

There are no required materials for this course.

Robotics I A/B

Robotics I is a two-semester course is focused on the concepts related to robots and how to construct a robot. Students will learn about the history and applications of robotics. Students will learn about the job opportunities and employability skills in the field of robotics. Students will also learn about the basic concepts of six simple machines, electricity, electronic circuits, Boolean algebra, magnetism, and their applicability to robotics. Students will apply safety procedures and construct a simple robot. Students will also learn about project management and engineering design process. Students will learn about the programming languages used in robotics. Students will create a simple robotic arm. Students will also construct a robot using programming. Student will learn about ethics and laws related to robotics. Students will also learn how to test and maintain a robot. Online discussions and unit activities require students to develop and apply critical thinking skills.

Required lab materials note: This course contains hands-on labs that employ relatively-common household materials to provide a valuable laboratory experience. Please refer to the Student Syllabus or Teacher's Guide for a detailed list of required lab materials and options for purchasing kits.



Agriculture

Florida Agriscience Foundations A/B

Florida Agriscience Foundations is a two-semester course designed to promote understanding of the agriculture, food science, and natural resources industries and the careers available within them. Students will examine the history and evolution of agriscience, soil systems, plant and crop science, animal science, and food science and technology. The course places a particular focus on industry regulations, safety practices, emerging technologies, biotechnology, precision farming, and agricultural marketing and world trade. In unit activities, students will create a plan for a supervised agricultural experience, apply problem-solving techniques to conservation and sustainability issues, and explore student organizations in the agriscience field. Students will also identify management and entrepreneurship opportunities in the Agriculture, Food, and Natural Resources industry, develop job acquisition and career advancement skills, and create a business proposal for an agriscience enterprise.

There are no required materials for this course.

Introduction to Marine Biology

Introduction to Marine Biology is designed to introduce students to oceanic features and processes, ocean habitats and ecosystems, life forms in the ocean, and types of interactions in the ocean. Students will learn about the formation and characteristic features of the oceans. They will learn about the scientific method and explore careers available in marine biology. The course then covers the characteristic features of different taxonomic groups, habitats, life forms, and ecosystems that exist in the oceans and different adaptations marine creatures possess to survive in the ocean. Students will learn about succession and the flow of energy in marine ecosystems, as well as the resources that the oceans provide and the threats that the oceans face from human activities.

Introduction to Veterinary Science

Introduction to Veterinary Science is designed to introduce students at the high school level to the fundamentals of veterinary science. The students will explore the history of veterinary science and the skills and requirements for a successful career in the veterinary industry. They will also explore the anatomy and physiology of animals, learn how to evaluate animal health, and determine effective treatments for infectious and noninfectious diseases in animals. Additionally, they will learn about zoonotic diseases, and the impact of toxins and poisons on animal health.

Principles of Agriculture, Food, and Natural Resources A/B

Principles of Agriculture, Food, and Natural Resources is a two-semester course designed to promote understanding of the agriculture, food science, and natural resources industries and the careers available within them. Students will examine the history and evolution of agriscience, soil systems, plant and crop science, animal science, and food science and technology. The course places a particular focus on industry regulations, safety practices, emerging technologies, biotechnology, precision farming, and agricultural marketing and world trade. In unit activities, students will create a plan for a supervised agricultural experience, apply problem-solving techniques to conservation and sustainability issues, and explore student organizations in the agriscience field. Students will also identify management and entrepreneurship opportunities in the Agriculture, Food, and Natural Resources industry, develop job-acquisition and career-advancement skills, and create a business proposal for an agriscience enterprise.

There are no required materials for this course.

Arts, Entertainment, and Design

Audio/Video Production 1 A/B

Audio/Video Production 1 is a two-semester course designed to promote understanding of technical skills and creative techniques required for successful audio-video production. Students will examine camera operations, video formats, scriptwriting, storyboarding, cinematography, lighting, audio techniques, and sound mixing, and will demonstrate video



assembly and editing processes. The course places a particular focus on directing techniques, special effects, file management, delivery formats, and career options in the audio-video production field. In unit activities, students will compare video formats, apply camera functions and techniques, and research roles of production professionals. Students will also examine elements of video making and special effects techniques, create story treatments and promotional strategies, and write safety guidelines for studio and on-set environments.

The materials needed for this course include a DSLR camera with video or a cell phone with a camera and video.

Audio/Video Production 2 A/B

Audio/Video Production 2 is a two-semester course designed to promote understanding of advanced audio-video production techniques and the historical development and societal impact of media. Students will examine advanced camera operations, audio recording, preproduction planning, and production techniques for various environments using cinematographic principles, lighting strategies, and sound design. The course places a particular focus on ethical and legal compliance, post-production tools, professional roles, career pathways, and media distribution methods. In unit activities, students will create preproduction plans and production schedules, develop scripts and capture footage, and apply editing, audio mixing, and graphic techniques to multimedia projects. Students will also identify professional production standards, select appropriate media formats and delivery methods, and apply critiquing techniques to evaluate audio-video productions.

The materials needed for this course include a DSLR camera with video or a cell phone with a camera and video.

Audio/Video Production 3 A/B

Audio/Video Production 3 is a two-semester course designed to promote understanding of advanced production techniques required for college and professional careers in the audio-video industry. Students will examine preproduction planning, script development, and production execution in studio and on-location settings, and employ advanced lighting, audio mixing, and editing techniques. The course places a particular focus on live production, special effects, animation, media delivery methods, and career opportunities. In unit activities, students will develop production plans and schedules, record footage and conduct interviews, and apply composition and editing techniques to create final productions. Students will also demonstrate advanced lighting and graphic design skills, create professional digital portfolios, and apply critiquing techniques to evaluate media work.

The materials needed for this course include a DSLR camera with video or a cell phone with a camera and video.

Digital and Interactive Media A/B

Digital and Interactive Media is a two-semester course designed to promote understanding of digital media concepts, design principles, and production techniques. Students will examine careers and training in digital and interactive media, graphic design, digital photography, and printing principles, and explore digital communication systems, audio and video production, multimedia, animation, and web publishing. The course will also focus on copyright laws, ethical concerns, safety procedures, and professional portfolio development. In unit activities, students will research job responsibilities and educational requirements for digital media careers, produce and enhance photographs, and apply design principles to create various media products. Students will also practice video production techniques, create multimedia presentations and web pages, and develop digital portfolios that demonstrate proficiency in digital and interactive media skills.

The materials needed for this course include a digital SLR camera, scanner, and printer.

Florida Digital Design 1 A/B

Florida Digital Design 1 is a two-semester course designed to promote understanding of graphic design concepts, image creation, and image manipulation. Students will examine careers and training in graphic design, color and typography,



design elements and principles, and copyright laws and ethics. The course places a particular focus on advanced image editing, digital photography, multimedia, and the creation of professional graphic design products. In unit activities, students will apply color-balancing techniques and design layouts, manipulate images by adjusting hue, saturation, contrast, and brightness, and create images demonstrating design elements and principles. Students will also produce graphic design products such as logos, posters, and magazine covers, analyze art criticism in graphic artwork, explore digital publishing, and develop a professional graphic design portfolio. The materials needed for this course include a digital SLR camera.

Florida Digital Media/Multimedia Foundations 1 A/B

Florida Digital Media/Multimedia Foundations 1 is a two-semester course designed to promote understanding of digital media concepts, design principles, and production techniques. Students will examine careers and training in digital and interactive media, graphic design, digital photography, and printing principles, and explore digital communication systems, audio and video production, multimedia, animation, and web publishing. The course will also focus on copyright laws, ethical concerns, safety procedures, and professional portfolio development. In unit activities, students will research job responsibilities and educational requirements for digital media careers, produce and enhance photographs, and apply design principles to create various media products. Students will also practice video production techniques, create multimedia presentations and web pages, and develop digital portfolios that demonstrate proficiency in digital and interactive media skills.

The materials needed for this course include a digital SLR camera, scanner, and printer.

Florida Digital Photography 1 A/B

Florida Digital Photography 1 is a two-semester course designed to promote understanding of the technical skills and creative techniques required for success in photography careers. Students will examine camera operations, exposure and lighting, rules of composition, and color and black-and-white photography. The course places a particular focus on portrait, advertising, and architectural photography, special effects, analog photography, and darkroom development. In unit activities, students will produce photographs across a variety of subjects, manipulate and retouch images using photo-editing software, and apply laws and ethics related to photography. Students will also evaluate photographic works and develop a professional photography portfolio.

Required materials for this course include a DSLR camera, memory card(s), tripod, basic photo editing software, mounting/matting and photographic paper, USB drive or external hard drive to back up and transfer larger image files, and a charged battery/spare battery. Optional materials include a remote shutter release, card reader or USB cable, cleaning kit, and simple light reflector or diffuser.

Florida Digital Video Production 1 A/B

Florida Digital Video Production 1 is a two-semester course designed to promote understanding of technical skills and creative techniques required for successful audio-video production. Students will examine camera operations, video formats, script writing, storyboarding, cinematography, lighting, audio techniques, and sound mixing, and demonstrate video assembly and editing processes. The course places a particular focus on directing techniques, special effects, file management, delivery formats, and career options in the audio-video production field. In unit activities, students will compare video formats, apply camera functions and techniques, and research roles of production professionals. Students will also examine elements of video making and special effects techniques, create story treatments and promotional strategies, and write safety guidelines for studio and on-set environments.

The materials needed for this course include a DSLR camera with video or a cell phone with camera and video.

Florida Digital Video Production 2 A/B

Florida Digital Video Production 2 is a two-semester course designed to promote understanding of advanced audio-video production techniques and the historical development and societal impact of media. Students will examine advanced camera operations, audio recording, preproduction planning, and production techniques for various environments using cinematographic principles, lighting strategies, and sound design. The course places a particular



focus on ethical and legal compliance, post-production tools, professional roles, career pathways, and media distribution methods. In unit activities, students will create preproduction plans and production schedules, develop scripts and capture footage, and apply editing, audio mixing, and graphic techniques to multimedia projects. Students will also identify professional production standards, select appropriate media formats and delivery methods, and apply critiquing techniques to evaluate audio-video productions.

The materials needed for this course include a DSLR camera with video or a cell phone with camera and video.

Florida Digital Video Production 3 A/B

Florida Digital Video Production 3 is a two-semester course designed to promote understanding of advanced production techniques required for college and professional careers in the audio-video industry. Students will examine preproduction planning, script development, and production execution in studio and on-location settings, and employ advanced lighting, audio mixing, and editing techniques. The course places a particular focus on live production, special effects, animation, media delivery methods, and career opportunities. In unit activities, students will develop production plans and schedules, record footage and conduct interviews, and apply composition and editing techniques to create final productions. Students will also demonstrate advanced lighting and graphic design skills, create professional digital portfolios, and apply critiquing techniques to evaluate media work.

The materials needed for this course include a DSLR camera with video or a cell phone with camera and video.

Florida Introduction to Arts, A/V Technology, Communication, and Career Planning A/B

Florida Introduction to Arts, A/V Technology and Communication and Career Planning is a two-semester course designed to promote understanding of the careers, skills, and technologies across the arts, audio/video technology, and communications career cluster. Students will examine the evolution of audio/video technology, film, multimedia, and animation, and explore career opportunities in visual arts, fashion design, journalism, telecommunications, and graphic design. The course places a particular focus on professional ethics, workplace diversity, and health and safety in the field. In unit activities, students will identify elements of art and principles of design and examine performing arts including music, dance, and theater. Students will also develop job acquisition, leadership, and professional communication skills essential for success in the field.

There are no required materials for this course.

Graphic Design and Illustration A/B

Graphic Design and Illustration is a two-semester course designed to promote understanding of graphic design concepts, image creation, and image manipulation. Students will examine careers and training in graphic design, color and typography, design elements and principles, and copyright laws and ethics. The course places a particular focus on advanced image editing, digital photography, multimedia, and the creation of professional graphic design products. In unit activities, students will apply color-balancing techniques and design layouts, manipulate images by adjusting hue, saturation, contrast, and brightness, and create images demonstrating design elements and principles. Students will also produce graphic design products such as logos, posters, and magazine covers, analyze art criticism in graphic artwork, explore digital publishing, and develop a professional graphic design portfolio.

The materials needed for this course include a digital SLR camera.

Introduction to Fashion Design

Introduction to Fashion Design is a one-semester course that focuses on the practical aspects of career preparation in the fashion design industry. The lessons in the course provide students with both breadth and depth, as they explore the full gamut of relevant topics in fashion design. This course provides students insight on the history of fashion and its place in the modern world and helps students understand terms and concepts related to fashion. Students explore fashion forecasting, predicting consumer demand, pricing, and other activities involved in the fashion process from the inspiration for a garment to creating sketches until the final product takes shape.

There are no required materials for this course.



Principles of Arts, A/V Technology, and Communications A/B

Principles of Arts, A/V Technology, and Communications is a two-semester course designed to promote understanding of the careers, skills, and technologies across the arts, audio/video technology, and communications career cluster. Students will examine the evolution of audio/video technology, film, multimedia, and animation, and explore career opportunities in visual arts, fashion design, journalism, telecommunications, and graphic design. The course places a particular focus on professional ethics, workplace diversity, and health and safety in the field. In unit activities, students will identify elements of art and principles of design and examine performing arts, including music, dance, and theater. Students will also develop job acquisition, leadership, and professional communication skills essential for success in the field.

There are no required materials for this course.

Professional Photography A/B

Professional Photography is a two-semester course designed to promote understanding of the technical skills and creative techniques required for success in photography careers. Students will examine camera operations, exposure and lighting, rules of composition, and color and black-and-white photography. The course places a particular focus on portrait, advertising, and architectural photography, special effects, and analog photography and darkroom development. In unit activities, students will produce photographs across a variety of subjects, manipulate and retouch images using photo-editing software, and apply laws and ethics related to photography. Students will also evaluate photographic works and develop a professional photography portfolio.

Required materials for this course include a DSLR camera, memory card(s), tripod, basic photo editing software, mounting/matting and photographic paper, USB drive or external hard drive to back up and transfer larger image files, and a charged battery/spare battery. Optional materials include a remote shutter release, card reader or USB cable, cleaning kit, and simple light reflector or diffuser.

Theater, Cinema, and Film Production

Theater, Cinema, and Film Production is a one-semester course that explores what goes into the making of a theater and film production. The course's lessons focus on the pre-production, production, and post-production stages of theater and film productions. Students will be introduced to theater and film, and their different genres and subgenres. They will also learn about roles and responsibilities of the cast and crew, including the director, actors, screenplay writers, set designers, wardrobe stylists and costume designers, and makeup artists. The course also covers technical aspects, such as lighting and sound. Students will also learn about the influence of the audience on theater, cinema, and film production. The course combines a variety of content types, including lessons, activities, and discussions to keep students engaged as they discover the world of theater, cinema, and film production.

There are no required materials for this course.

Construction

Drafting and Design A/B

Drafting and Design is a two-semester course designed to promote understanding of the fundamental concepts, tools, and techniques used in technical drawing and design. Students will examine the evolution of technical drawing, types of drafting tools and media, drafting conventions, sketching and drawing techniques, types of views and projections, and surface developments and intersections. The course places a particular focus on basic and advanced computer-aided design and drafting (CADD) operations. In unit activities, students will apply geometric construction techniques, interpret detail and assembly drawings, and analyze different types of views and drawings. Students will also describe and apply the design process, develop a prototype, explore various presentation methods, and identify career opportunities, industry certifications, and key professional and personal skills in the drafting and design field.

The materials needed for this course include free online CADD tools.

**Florida Drafting 1 A/B**

Florida Drafting 1 is a two-semester course designed to promote understanding of the fundamental concepts, tools, and techniques used in technical drawing and design. Students will examine the evolution of technical drawing, types of drafting tools and media, drafting conventions, sketching and drawing techniques, types of views and projections, and surface developments and intersections. The course places a particular focus on basic and advanced computer-aided design and drafting (CADD) operations. In unit activities, students will apply geometric construction techniques, interpret detail and assembly drawings, and analyze different types of views and drawings. Students will also describe and apply the design process, develop a prototype, explore various presentation methods, and identify career opportunities, industry certifications, and key professional and personal skills in the drafting and design field. The materials needed for this course include free online CADD tools.

Florida Introduction to Architecture, Construction, and Career Planning A/B

Florida Introduction to Architecture & Construction and Career Planning is a two-semester course designed to promote understanding of the foundational concepts, careers, and professional practices in the architecture and construction field. Students will examine architectural styles and drawing principles, physical properties of structures, construction materials and equipment, and legal building requirements and safety regulations. The course places a particular focus on computer applications, urban design, and construction documents and standards. In unit activities, students will analyze career pathways in architecture and construction, apply knowledge of workplace ethics and professionalism, and examine the process of creating a built environment. Students will also demonstrate professional communication skills, use word processing and spreadsheet software to create professional documents, and explore lifelong-learning skills for career growth in the field.

There are no required materials for this course.

Principles of Architecture and Construction A/B

Principles of Architecture and Construction is a two-semester course designed to promote understanding of the foundational concepts, careers, and professional practices in the architecture and construction field. Students will examine architectural styles and drawing principles, physical properties of structures, construction materials and equipment, and legal building requirements and safety regulations. The course places a particular focus on computer applications, urban design, and construction documents and standards. In unit activities, students will analyze career pathways in architecture and construction, apply knowledge of workplace ethics and professionalism, and examine the process of creating a built environment. Students will also demonstrate professional communication skills, use word processing and spreadsheet software to create professional documents, and explore lifelong-learning skills for career growth in the field.

There are no required materials for this course.

Trade Prep: Appliances

The Appliances Program prepares students for entry-level appliances positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Trade Prep: Clean Energy

The Clean Energy Program prepares students for entry-level clean energy positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Trade Prep: Electrical

The Electrical Program prepares students for entry-level electrical positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

**Trade Prep: Facilities Maintenance**

The Facilities Maintenance Program prepares students for entry-level facilities maintenance positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Trade Prep: HVAC

The HVAC Program prepares students for entry-level HVAC positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Trade Prep: Multifamily Maintenance

The Multifamily Maintenance Program prepares students for entry-level multifamily maintenance positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Trade Prep: Plumbing

The Plumbing Program prepares students for entry-level plumbing positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Trade Prep: Residential Construction

The Residential Construction Program prepares students for entry-level residential construction positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Trade Prep: Solar

The Solar Program prepares students for entry-level solar positions through expertly curated skilled trades high school content for in-demand jobs. After successfully completing the program, learner's receive an Interplay Learning Job-Ready Certificate.

Digital Technology**CompTIA A+ (220-1001)**

This course is focused on the exam objectives of CompTIA A+ (220-1001). Students will learn about computer hardware and networking, including concepts related to virtualization and cloud computing. Students will learn about mobile devices and their features. Students will learn how to identify and troubleshoot problems related to hardware, networking, printers, storage devices, and mobile devices.

Unit activities in the course help students to develop and apply critical thinking skills. Animations and screenshot-based slideshows included in the lesson keep students engaged. Students can understand technical concepts easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA A+ performance-based questions. Practice test at the end of the course help students to practice questions that are parallel to the CompTIA A+ (220-1001) certification exam.

CompTIA A+ (220-1002)

This course is focused on the exam objectives of CompTIA A+ (220-1002). Students will learn about the features and tools in Windows, Mac/Linux, and mobile operating systems. Students will learn about security, cloud computing, and operational procedures. Students will also learn how to use remote access tools and identify and troubleshoot problems related to operating systems, security, and mobile applications.

Unit activities in the course help students to develop and apply critical thinking skills. Animations and screenshot-based slideshows included in the lesson keep students engaged. Students can understand technical concepts very easily.



Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA A+ performance-based questions. Practice test at the end of the course help students to practice questions that are parallel to the CompTIA A+ (220-1102) certification exam.

CompTIA Cloud Essentials+ Certification (CLO-002)

CompTIA Cloud Essentials+ Certification (CLO-002) covers the exam objectives of the CompTIA Cloud Essentials+ certification exam. Students begin by identifying cloud service models and deployment models. The course then covers cloud networking concepts, cloud storage technologies, and cloud design. It explains cloud assessment methods, vendor relations in cloud adoptions, and cloud migration approaches. It also describes the benefits of using cloud services. Finally, the course covers data management, DevOps, and financial expenditures in a cloud environment. The lesson activities, unit activities, course activity, and course project help students develop and apply critical thinking skills. The videos and animations keep students engaged. And the practice test at the end of the course gives students the opportunity to work through questions similar to those on the CompTIA Cloud Essentials+ certification exam.

CompTIA Cloud+ Certification A/B (CV0-003)

CompTIA Cloud+ Certification (CV0-003) covers the exam objectives of the CompTIA Cloud+ certification exam. Students begin in semester A by identifying cloud service models and deployment models. The course then covers high availability, scaling, network security, application security, user security, and data security in cloud environments. Students learn how to integrate components and provision storage in a cloud environment. At the end of semester A, they explore cloud networking solutions and cloud migrations.

In semester B, students learn how to configure logging, monitoring, and alerting to maintain cloud operations. They explore how to optimize and maintain efficient operation of a cloud environment. The course also covers automation, orchestration, and disaster recovery. Finally, students learn to troubleshoot issues related to security, deployment, connectivity, performance, and automation.

The lesson activities, unit activities, course activity, and course project help students develop and apply critical thinking skills. The videos and animations keep students engaged. And the practice test at the end of the course gives students the opportunity to work through questions similar to those on the CompTIA Cloud+ certification exam.

CompTIA Network+ Certification (N10-007) A/B

This course is a two-semester course focused on the exam objectives of CompTIA Network+ Certification (N10-007). Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, routing, and switching. Students will learn about wireless technologies, virtualization, cloud concepts, and network services.

Students will learn about network cables, connectors, network devices, network storage technologies, and wide area networks. Students will learn about network documentation, network monitoring, and remote access methods. Students will learn about business continuity, disaster recovery methods, physical and logical security methods. Students will learn how to secure a wireless network. Students will also learn about network attacks, and various device hardening and mitigation techniques.

Finally, students will learn how to troubleshoot issues related to wired connectivity, wireless connectivity, and network services. Unit activities in the course help students to develop and apply critical thinking skills. Animations included in the lesson keep students engaged. Students can understand technical concepts very easily. Simulations provide students a real computer environment to practice various procedural steps. These simulations emulate the CompTIA Network+ performance-based questions. Practice Test at the end of the course help students to attempt questions that are similar to CompTIA Network+ Certification (N10-007) exam.

CompTIA Security+ Certification (SY0-601) A/B

CompTIA Security+ Certification (SY0-601) is a two-semester course that covers exam objectives of CompTIA Security+ certification exam SY0-601. This course begins by describing security threats and attacks, and students learn about security concerns related to various types of vulnerabilities.



Additionally, this course covers security controls and cryptography, as well as enterprise and specialized systems security. Students then learn about application, network, and mobile device security, and account management and authentication. Finally, this course explores the incident response life cycle and mitigation techniques along with organizational security and risk management.

Computer Programming I A/B

Computer Programming I is a two-semester course that is designed to familiarize students with the basics of computer programming. Students will learn about data representation, program execution, programming languages, and program structures. They will also create web pages in HTML and a JavaScript program. Then students will learn about the phases of the software development life cycle (SDLC) and methods of software development, including learning about security threats, disaster recovery, and data privacy issues. In addition, the course covers the skills, ethics, and training required for careers in computer programming.

Computer Science Essentials A/B (Apex)

Computer Science Essentials is a two-semester course designed to introduce students to foundational computer science concepts, including computer systems, programming, networks, and data management. Students will examine the history and impact of computers; computing laws and ethics; bias and equity issues in computing; and careers in computer science, with a particular focus on algorithms, data storage and analysis, hardware and software, robotics, cybersecurity, and the use of abstraction in computing. They will also explore networks, the internet, website design, and responsible digital citizenship. In unit activities, students will code their own programs through lab activities and develop a variety of computational artifacts through guided project work. Students will also conduct research on current computing topics, exchange ideas with peers, and apply critical thinking, writing, and communication skills across a range of activities. They will practice reasoning and computer literacy skills through additional activities that reinforce and extend their understanding of core computer science concepts.

There are no required materials for this course.

This updated course was originally created for Apex Courses and is now available in Courseware.

Electronic Communication Skills

Electronic Communication Skills is a one-semester course that is based on Career and Technical Education (CTE) standards to help students prepare for entry into a wide range of careers and/or into postsecondary education. The course is designed to enable students at the high school level to develop electronic communication skills that they can use in their careers. Students will learn computer basics, keyboarding techniques, working with documents and presentations, and safe use of the internet.

Florida Foundations of Programming A/B

Florida Foundations of Programming is a two-semester course designed to familiarize students with the basics of computer programming. Students will learn about data representation, program execution, programming languages, and program structures. They will also create web pages in HTML and a JavaScript program. Then students will learn about the phases of the software development life cycle (SDLC) and methods of software development, including learning about security threats, disaster recovery, and data privacy issues. In addition, the course covers the skills, ethics, and training required for careers in computer programming. This course is aligned to Florida state standards.

Florida Introduction to Information Technology A/B

Florida Introduction to Technology is a two-semester course designed to promote understanding of engineering systems, technologies, and design processes. Students will examine the historical evolution of engineering and technology, branches of engineering including mechanical, fluid, thermal, and electrical systems, and manufacturing processes and materials. The course places a particular focus on energy systems, automation, safety practices, and the societal impact of modern technologies. In unit activities, students will evaluate structural designs and electrical circuits, apply engineering design processes to solve technical problems, and explore career opportunities in the field. Students



will also develop professional workplace communication strategies and examine the role of professional organizations in career and technical education.

There are no required materials for this course.

Florida Introduction to Technology

Florida Introduction to Technology is a one-semester course that provides students with essential STEM knowledge and an effective overview of STEM careers. Students will become familiar with engineering systems and technologies, the process of engineering design, and manufacturing technologies and processes.

Florida Web Technologies A/B

Florida Web Technologies is a two-semester course that provides students with the essentials of web design and helps them discover what makes a site truly engaging and interactive. Lessons on topics such as design principles, graphics, and web standards help students understand the elements of effective and dynamic web design. Students will create web pages in HTML, use JavaScript to create basic scripts, create DHTML and XML documents, and use a WYSIWYG editor. Finally, students will learn how to launch a website and describe the administration of web servers.

Foundations of Artificial Intelligence A/B

Foundations of Artificial Intelligence is a two-semester course designed to introduce the key concepts of artificial intelligence (AI), its main branches, and the evolution of AI. Students will identify data types, interpret and analyze data, and create a database. They will learn about machine perception and examine various perception systems. Students also explore machine learning model types and how to train and evaluate a classification model. They examine datasets and address data bias in models. Finally, they explore neural network types and their real-world applications. Students will also focus on AI reasoning, domain knowledge, system design and services, and the ethical and responsible development and use of AI. Students evaluate AI tools and their applications as well as explore AI-focused careers and discuss the societal impact on current and future AI technology. Additionally, students will develop and apply critical thinking skills.

Game Development

Game Development is a one-semester course that teaches students the ins and outs of game development to prepare them for a career in the field. This course covers the history of video games, character development, mobile game design, user interface design, social gaming, and the principles of development design and management methodologies. While fun and highly engaging, the course focuses on laying a strong foundation for a career in game development.

Introduction to Android Mobile App Development

Introduction to Android Mobile App Development is a one-semester course that familiarizes students with the knowledge, skills, and training required for a career in Android mobile app development. This course introduces the process involved in creating a mobile app and provides a tour of the history of and upcoming trends in mobile app development. The course provides students the opportunity to explore how to start a mobile app development company. Finally, the course culminates in students creating a new project in Android Studio, creating the user interface of an app, and making it interactive in Android Studio.

Introduction to Cybersecurity

Introduction to Cybersecurity is a one-semester course that introduces students to the field of cybersecurity, focusing primarily on personal computer use and vulnerabilities while also highlighting the wider scope of cybersecurity from a societal and career perspective. Specific topics include computer security, VPN and wireless security, risk management, and laws, standards, and ethics related to cybersecurity.

Introduction to iOS Mobile App Development

Introduction to iOS Mobile App Development is a one-semester course that familiarizes students with the knowledge, skills, and training required for a career in iOS mobile app development. This course introduces the process involved in



creating a mobile app and provides a tour of the history of and upcoming trends in mobile app development. The course provides students the opportunity to explore how to start a mobile app development company. Finally, the course culminates in students learning about the iOS development environment, creating the user interface of an app, and making the app interactive in Xcode.

Networking Fundamentals A/B

This course is a two-semester course focused on the concepts of networking. Students will learn about careers in networking and employability skills required for a career in networking. Students will learn about the types of networks, network topologies, the Open Systems Interconnection (OSI) model, Internet protocol addresses, and Internet of Things (IoT) technologies. Students will learn about networking devices, cables, media, and connectors. Students will learn to set up a small wired network. Students will learn about network security threats and preventive measures to secure a network. This course also covers network planning, administration, troubleshooting, and maintenance. Students will learn about wireless networking standards and access methods. Students will learn to set up and secure a wireless network. Students will learn about virtual private networks and cloud computing. Students will also learn to troubleshoot issues related to wired and wireless networks. Unit activities in the course help students to develop and apply critical thinking skills. Animations included in the lesson keep students engaged. Students can understand technical concepts very easily. Simulations provide students a real computer environment to practice various procedural steps.

Principles of Information Technology A/B

Principles of Information Technology course is a two-semester course that is designed to enable students at the high school level to develop the critical skills and knowledge necessary in the information technology industry. Students will be exposed to the fundamentals of computer systems, and will learn how to use the internet, word processors, presentation software, spreadsheets, and databases. Additionally, students will learn about computer programming, computer networks, and web design and development. Finally, students will explore different career pathways in the field of information technology and identify the key skills and certifications needed for these careers.

Security Fundamentals A/B

Security Fundamentals is designed to enable students at the high school level to develop the critical skills and knowledge necessary for careers in cybersecurity. Students will learn about the basic concepts of cybersecurity, basic computer components, file management, types of networks, Open Systems Interconnection (OSI) model, network protocols, and IP addresses.

This course then covers security threats, prevention methods, and legal and ethical issues in cybersecurity. After gaining an understanding of security agencies, security topologies, quality control systems, and physical security devices, students will explore securing network devices, data security, data backup and recovery, and risk management.

Web Technologies A/B

Web Technologies is a two-semester course that provides students with the essentials of web design and helps them discover what makes a site truly engaging and interactive. Lessons on topics such as design principles, graphics, and web standards help students understand the elements of effective and dynamic web design. Students will create web pages in HTML, use JavaScript to create basic scripts, create DHTML and XML documents, and use a WYSIWYG editor. Finally, students will learn how to launch a website and describe the administration of web servers.

Education

Florida Child Development

Florida Child Development is a one-semester course designed to familiarize students with the various stages of child development as well as the factors that may prevent the healthy development of a child. This course explores the development, health, nutrition, and safety of children at various stages. In addition, the course covers career opportunities in the field of childcare and development.

**Instructional Practices for Teaching and Learning A/B**

Instructional Practices for Teaching and Learning is a two-semester course designed to introduce students to the foundational knowledge, planning skills, and professional practices needed for careers in education, teaching, and training. Students will examine the historical foundations and contemporary purposes of public education and explore how developmental, cultural, and individual factors influence learning, with a particular focus on lesson planning, instructional decision-making, classroom management, and creating inclusive environments in which every learner can focus, participate, and grow. They will also investigate instructional frameworks, cognitive rigor, and how to design tasks and questions that prompt learners to think deeply and apply classroom lessons to real-world contexts. In unit activities, students will explore how technology can enhance instructional materials, support assessment and productivity, and evaluate educational tools for classroom use. Students will also examine assessment strategies, data-driven instruction, and how data supports equitable outcomes for all learners. They will investigate the ethical and legal responsibilities of educators, assistive technology, and accessibility practices, and apply critical thinking, instructional planning, and ethical reasoning through hands-on activities and projects. Students will also examine professional growth, instructional effectiveness, and career development pathways in the field of education.

There are no required materials for this course.

Principles of Education and Training A/B

Principles of Education and Training is a two-semester course designed to promote understanding of career opportunities and professional practices in the education and training career cluster. Students will examine career pathways in administration, education, and professional support, the influence of various factors and agencies on US education, and effective teaching and learning methods. The course places a particular focus on child growth and development, children's health, nutrition, and safety, and the safe and ethical use of educational technology. In unit activities, students will explore the education, training, and professional skills required for careers in the field and analyze strategies for creating inclusive and engaging learning environments. Students will also apply strategies to keep children healthy and safe and develop foundational skills for pursuing advanced coursework and careers in education and training.

There are no required materials for this course.

Energy and Natural Resources**Forestry and Wildlife Management A/B**

Forestry and Wildlife Management is a two-semester course that begins by identifying employment and entrepreneurial opportunities in forestry, wildlife, and natural resource management. Students learn about safety hazards and procedures in the industry. They also learn about soil, mineral, plant, water, forest, and wildlife management, as well as the laws that govern these professions. In addition, students learn about the tools and practices used in forestry and wildlife management careers. Finally, they learn about the carrying capacity of rangelands and the consequences of overgrazing.

Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

Foundations of Green Energy A/B

This is a two-semester course for high school students who want to understand the rapidly growing and evolving energy field, with special emphasis on electrical energy and on new and emerging energy technologies. The course is designed to address state standards in the Energy and STEM domains as well as the Energy Industry Fundamentals Certificate Program (EIFCP) standards developed by the Center for Energy Workforce Development (CEWD). Unit topics include the energy industry; energy science and efficiency; electrical generation, transmission, and distribution; conventional,



alternative, and emerging energy sources; health, safety, and security issues; and energy careers and pathways, from entry level to professional.

Natural Resources A/B

Natural Resources is a two-semester course that focuses on the sustainable management of natural resources such as air, water, minerals, energy sources, soil, and land. The course begins with an introduction to types of natural resources, including biotic, abiotic, renewable, and nonrenewable resources, as well as their geographic distribution and uses. It explores how human activities affect the availability of natural resources and examines the environmental and economic consequences of natural resource use and overuse. In addition, the course covers soil, land, forest, and rangeland management. Students will discover career options and the skills needed within the natural resources industry, as well as workplace safety regulations. Finally, the course examines the laws and regulations that govern natural resource use and management.

Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

Financial Services

Accounting A/B

Accounting is a two-semester course designed to promote understanding of fundamental bookkeeping principles, financial statement preparation, and accounting functions for different types of businesses. Students will examine the accounting cycle, books of accounts, and specialized accounting procedures, including cash flow tracking, payroll calculations, and tax accounting. The course places a particular focus on career opportunities, government regulations, and the use of information technology in accounting. In unit activities, students will apply accounting principles to record transactions, prepare financial statements, and analyze businesses for liquidity, solvency, and profitability. Students will also research business case studies involving compliance and regulatory issues, prepare payroll records, and explore career preparation in the accounting field.

There are no required materials for this course.

Accounting I A/B (Apex)

Accounting I examines how to make decisions about planning, organizing, and allocating resources using accounting procedures. Throughout the course, students focus on double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording revenues, expenses, assets, and liabilities; and the preparation of financial statements.

This course allows students to explore careers in accounting while learning skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements; implementing the accounts payable and accounts receivable process; and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers so they can identify opportunities of interest to them.

Accounting I is a full-year intermediate Career and Technical Education course applicable to programs of study in the finance or business management and administration career clusters. This course is built to state and national CTE standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor.

This updated course was originally created for Apex Courses and is now available in Courseware.

**Accounting II A/B (Apex)**

Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making.

Students use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

This course allows students to explore careers in accounting while learning financial skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements, implementing the accounts payable and accounts receivable process, and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers, so they can identify opportunities that interest them.

Accounting II is a full-year advanced Career and Technical Education course applicable to programs of study in the finance or business management and administration career clusters. This course is built to state and national CTE standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor.

This updated course was originally created for Apex Courses and is now available in Courseware.

Advanced Accounting A/B (Apex)

Advanced Accounting builds on a foundation of basic skills and concepts in accounting so that students can extend their mastery of the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources.

This course allows students to explore careers in accounting while learning financial skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements, implementing the accounts payable and accounts receivable process, and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers, so they can identify opportunities that interest them.

This full-year course is applicable to the finance program of study in Indiana in alignment with Perkins V and NLPS requirements and is built to state standards. Students may take this course to satisfy the Concentrator B option in the aforementioned pathway.

This updated course was originally created for Apex Courses and is now available in Courseware.

Florida Accounting Applications 1 A/B

Florida Accounting Applications 1 is a two-semester course designed to promote understanding of fundamental bookkeeping principles, financial statement preparation, and accounting functions for different types of businesses. Students will examine the accounting cycle, books of accounts, and specialized accounting procedures including cash flow tracking, payroll calculations, and tax accounting. The course places a particular focus on career opportunities, government regulations, and the use of information technology in accounting. In unit activities, students will apply accounting principles to record transactions, prepare financial statements, and analyze businesses for liquidity, solvency, and profitability. Students will also research business case studies involving compliance and regulatory issues, prepare payroll records, and explore career preparation in the accounting field.

There are no required materials for this course.

Florida Fundamentals of Finance

Florida Fundamentals of Finance is a one-semester course designed to promote understanding of the fundamental concepts of finance and financial planning in personal life and business. Students will examine key economic concepts



such as scarcity, supply, demand, and inflation, economic systems and market structures, and global trade. The course places a particular focus on investment strategies, budgeting, business insurance, and career options in finance. In unit activities, students will interpret financial statements and financial ratios to evaluate an enterprise's financial position, identify the basics of personal financial planning, and describe social and psychological factors that affect financial decisions. Students will also explain the importance of soft skills in finance and explore career opportunities in the field. There are no required materials for this course.

Introduction to Finance

Introduction to Finance is a one-semester course designed to promote understanding of the fundamental concepts of finance and financial planning in personal life and business. Students will examine key economic concepts such as scarcity, supply, demand, and inflation, economic systems and market structures, and global trade. The course places a particular focus on investment strategies, budgeting, business insurance, and career options in finance. In unit activities, students will interpret financial statements and financial ratios to evaluate an enterprise's financial position, identify the basics of personal financial planning, and describe social and psychological factors that affect financial decisions. Students will also explain the importance of soft skills in finance and explore career opportunities in the field.

There are no required materials for this course.

General

Business and Information Technology A/B

Business and Information Technology is a two-semester course designed to focus on the foundational skills of business and information technology. Students will learn the concepts of entrepreneurship, marketing strategies, product design, digital citizenship, career exploration, and computer systems. They will also learn how to troubleshoot common computer issues, use software and applications to build spreadsheets, create business and marketing plans, and develop multimedia presentations. In addition, the course covers the differences between ethical and unethical uses of technology, reviewing career options and skills needed for success, and creating a career plan and electronic portfolio. The course will also teach students financial planning and consumer protection laws, as well as how to conduct a job search within the business and information technology industries and how to assess online resources for credibility. Through focused mini lessons, students will be introduced to durable skills such as metacognition and critical thinking, and they will have opportunities to practice and begin applying these skills in career-specific activities.

There are no required materials for this course.

Career Capstone: 21st-Century Life and Careers A/B

Career Capstone: 21st Century Life and Careers is a two-semester course designed to focus on the durable skills that contribute to a student's success in life and career, such as leadership, collaboration, and critical thinking. Students will create a portfolio project of materials that they can use in next steps such as college applications, job applications, or interviews. In addition, they will cultivate a growth mindset, practice ethical decision-making, and build the fortitude needed to navigate challenges and setbacks. Students will also practice skills such as self-agency, creativity, and effective collaboration. The course will empower students to take ownership of their learning journey while developing the communication skills necessary to articulate their strengths and goals to future employers or educational institutions. By the end of the course, students will have created comprehensive career-ready materials and demonstrated the professional skills and self-awareness needed to successfully transition to their next phase, whether it is advanced education, workforce entry, or career advancement.

There are no materials required for this course.

Career Explorations

Career Explorations is a one-semester course intended as a practical, hands-on guide to enable students to explore career opportunities in different career clusters and pathways. In addition to exploring career options, students will



develop an academic and career plan, learn essential skills for success in college and a variety of careers, and prepare to enter the job market. Career Explorations also helps students build confidence as they prepare to embark on their chosen careers.

College and Career Preparation I (Apex)

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers.

In College and Career Preparation I, students obtain a deeper understanding of what it means to be ready for college. Students are informed about the importance of high school performance in college admissions and how to prepare for college testing. They know the types of schools and degrees they may choose to pursue after high school and gain wide exposure to the financial resources available that make college attainable.

Career readiness is also a focus. Students connect the link between interests, college majors, and future careers by analyzing career clusters. Students come away from this course understanding how smart preparation and skill development in high school can lead into expansive career opportunities after they have completed their education and are ready for the working world.

Students who complete College and Career Preparation I have the basic skills and foundation of knowledge to progress into College and Career Preparation II, the capstone course that provides hands-on information about the transition from high school to college and career.

This course is built to the American School Counselors Association National Standards for school counseling programs.

This updated course was originally created for Apex Courses and is now available in Courseware.

College and Career Preparation II (Apex)

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers.

College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well as financial aid options.

College and Career Preparation II also instructs students in interviewing techniques and provides career guidance.

Students explore valuable opportunities such as job shadowing and internships when preparing for a career.

Students who complete this course obtain a deeper understanding of college and career readiness through informative, interactive critical thinking and analysis activities while sharpening their time management, organization, and learning skills that they learned in College and Career Preparation I.

College and Career Preparation II prepares students with the knowledge and skills to be successful in college and beyond. This course is built to the American School Counselors Association National Standards for school counseling programs.

This updated course was originally created for Apex Courses and is now available in Courseware.

Computing for College and Careers A/B

Computing for College and Careers is a two-semester course that is intended as a practical, hands-on guide to help students understand basic computer skills required in their college education as well as in their career. This course covers basic computer hardware components, software applications, productivity applications such as word processing software, spreadsheet software, and presentation software, and new hardware and software technologies such as virtualization, cloud computing, green computing, and blockchain technology. This course also explores various career options and provides guidelines on privacy, security, and ethical issues related to software and internet use.

Digital Citizenship A/B

Digital Citizenship is a two-semester course designed to focus on responsible and ethical technology use. Students will learn digital etiquette, computer components, and cyberbullying. They will also compare operating systems,



troubleshoot common tech issues, and use digital communication and presentation tools to promote safe, legal, and ethical digital media use. Students also learn to create documents and images, and analyze data with spreadsheets. In addition, the course covers intellectual property laws and evaluating credible digital information. The course will also teach students how to build a positive online identity and understand the impact of digital media on individuals and society. Through focused mini lessons, students are introduced to durable skills such as communication, character, and mindfulness, and they apply these skills in real-world contexts through career-specific activities. There are no required materials for this course.

Engineering and Technology A/B

Engineering and Technology is a two-semester course designed to focus on the fundamental concepts of engineering and technology. Students will learn about important inventions and innovations in engineering and technology, engineering's contributions to society, and how fields such as science, mathematics, and technology influence engineering. They will also learn how to identify various measurement devices, use the engineering design process to create models or prototypes to address real-world problems, and employ drafting techniques—both manual and using computer-aided design (CAD) software—to produce two-dimensional drawings. In addition, the course covers the technologies, principles, and safety considerations in various engineering and technology career areas. The course will also teach students about career areas in the engineering and technology industries and the skills and education required, as well as the job outlook, demand, and projected wages of various career options in the field. Through focused mini lessons, students will be introduced to durable skills such as metacognition and critical thinking, and they will have opportunities to practice and begin applying these skills in career-specific activities. There are no required materials for this course.

Essential Career Skills

Essential Career Skills is a one-semester course that teaches the skills required to achieve success in modern-day careers. Students will learn about personal qualities and people skills that are important in the workplace, such as work ethic, integrity, teamwork, and conflict resolution. Additionally, students will practice skills in communication, math, problem-solving, and critical thinking. The course then covers the structures and functions of business organizations, time, task, and resource management skills, and workplace safety laws and standards. Students will then explore career goals and job opportunities and become familiar with various technologies used to perform job-specific tasks in an organization.

Exploring Agriculture and Business A/B

Exploring Agriculture Science and Business is a two-semester course designed to focus on the role of agriculture and its impacts on society and the concepts of sustainable agriculture, agribusiness, and agricultural mechanics. Students will learn about the plant lifecycle, characteristics of livestock, food sources, nutrition, and food safety principles. They will also research and write about major advancements and issues in agriculture, create nutritionally balanced meal plans, and apply the scientific investigation process to answer questions and solve problems. They will also evaluate the effects of pollution on ecosystems and propose solutions. In addition, the course covers agricultural mechanics and technology and their effects on society and the economy, as well as various types of agribusinesses and their functions. The course will also teach students about local and national job opportunities available in the agricultural science and agribusiness industry and the skills needed for success in these careers. Through focused mini lessons, students will be introduced to durable skills such as metacognition and critical thinking, and they will have opportunities to practice and begin applying these skills in career-specific activities.

There are no required materials for this course.

Exploring College and Careers A/B

Exploring College and Careers is a two-semester course designed to focus on career and academic planning and the foundations of building the skills students will need to succeed in today's dynamic job market. Students will learn how to identify their aptitudes, interests, skills, values, beliefs, and strengths by interpreting self-assessment data and will



create a career and education plan. Students will also set long-term, mid-term, and short-term goals. They will explore careers in 16 career clusters and gain insights into the educational requirements and skills necessary for different professions as well as experiential learning opportunities such as internships and apprenticeships. In addition, the course covers key areas that contribute to professional growth, such as interpersonal skills, leadership, teamwork, and workplace ethics. The course will also teach students about entrepreneurship, financial planning, and preparing essential career materials such as résumés, cover letters, and portfolios that will serve students on their chosen career paths. Through focused mini lessons, students will be introduced to durable skills such as growth mindset and creativity, and they will have opportunities to practice and begin applying these skills in career-specific activities. There are no required materials for this course.

Exploring Health Sciences A/B

Exploring Health Sciences is a two-semester course designed to focus on exploring health care systems, health science careers, and human body systems. Students will learn about the evolution and types of health care facilities in the United States, the function and interdependence of human body systems, and medical terminology. They will also identify parts of the human anatomy, research and write about traditional medicine practices, create informational media on health care issues and careers, and learn first aid procedures. In addition, this course covers the different areas of health care, such as primary care, mental health, public health, and pharmaceuticals, as well as the educational qualifications and skills required for a career in health care. In addition, the course covers the basics of first aid care procedures and medical assisting skills. Through focused mini lessons, students will be introduced to durable skills such as metacognition and critical thinking, and they will have opportunities to practice and begin applying these skills in career-specific activities.

There are no required materials for this course.

Florida Business Keyboarding

Florida Business Keyboarding is a one-semester course that falls under the Information Technology cluster. It is designed to enable students at high school level to develop electronic communication skills that they can use during in their careers. The course is based on Florida state standards for Career and Technical Education (CTE).

Florida Computing for College and Careers A/B

Florida Computing for College and Careers is a two-semester course designed to enable all students at the high school level to develop the critical skills and knowledge that they will need to be successful in college and in careers throughout their lives. The course is based on Florida state standards for Career and Technical Education (CTE) to help students prepare for entry into a wide range of careers and/or into postsecondary education.

Florida Essential Career Skills

Florida Essential Career Skills is a one-semester course that teaches the skills required to achieve success in modern-day careers. Students will learn about personal qualities and people skills that are important in the workplace, such as work ethic, integrity, teamwork, and conflict resolution. Additionally, students will practice skills in communication, math, problem-solving, and critical thinking. The course then covers the structures and functions of business organizations, time, task, and resource management skills, and workplace safety. Students will then explore career goals and job opportunities and

Florida Fundamentals of Careers in Education A/B

Florida Fundamentals of Careers in Education is a two-semester course designed to promote understanding of career opportunities and professional practices in the education and training career cluster. Students will examine career pathways in administration, education, and professional support, the influence of various factors and agencies on US education, and effective teaching and learning methods. The course places a particular focus on child growth and development, children's health, nutrition, and safety, and the safe and ethical use of educational technology. In unit activities, students will explore the education, training, and professional skills required for careers in the field and analyze strategies for creating inclusive and engaging learning environments. Students will also apply strategies to keep



children healthy and safe and develop foundational skills for pursuing advanced coursework and careers in education and training.

There are no required materials for this course.

Florida Orientation to Career Clusters

Florida Orientation to Career Clusters is a one-semester course intended as a practical, hands-on guide to enable students to explore career opportunities in different career clusters and pathways. In addition to exploring career options, students will develop an academic and career plan, learn essential skills for success in college and a variety of careers, and prepare to enter the job market. Florida Orientation to Career Clusters also helps students build confidence as they prepare to embark on their chosen careers.

Introduction to Astronomy

Introduction to Astronomy is a one-semester course designed to promote understanding of the fundamental concepts of astronomy and humanity's evolving understanding of the cosmos from ancient times to the present. Students will examine the movements of the Sun, Moon, planets, and stars; the formation of the solar system; lunar phases and eclipses; and the properties and life cycles of stars and galaxies. The course places a particular focus on Kepler's laws of planetary motion, Newton's law of universal gravitation, and the mysteries of asteroids, comets, and the outer solar system. In unit activities, students will investigate the conditions that make life on Earth possible, analyze the formation and structure of the Milky Way, and evaluate cosmological theories of the universe's origins. Students will also explore how astronomers collect data from distant objects in the cosmos and assess the possibilities and challenges of space exploration and the search for extraterrestrial life.

There are no required materials for this course.

Revolutionary Ideas in Science

Revolutionary Ideas in Science is a one-semester course with lessons that cover the discoveries and inventions in science from pre-historic to present times. This course covers topics such as: prehistoric science, technology, ancient and medieval science, the scientific revolution, thermodynamics and electricity, and many more.

There are no required materials for this course.

Healthcare and Human Services

Advanced Social and Community Services A/B

Advanced Social and Community Services is a two-semester course designed to examine the foundational principles and professional practices of careers in human services. Students will explore the helping relationship, including the values, ethics, and self-awareness that define effective professional practice, with a particular focus on cultural diversity, personal identity, family dynamics, and how these factors shape both the helper and the client. They will also examine professional communication techniques and apply helping theories such as systems theory, behaviorism, humanistic approaches, and cognitive behavioral therapy to real client scenarios. In unit activities, students will build skills in problem-solving, case management, and referral, and investigate the history, legislation, and categories of disability to develop skills in person-centered planning and ethical decision-making in disability services contexts. Students will also analyze how stress, socioeconomic conditions, and family life cycle stages affect individuals and families in crisis and explore laws and community resources available to support families. They will apply durable skills such as written communication, empathy, ethical conduct, and critical thinking through hands-on activities and projects. Students will also identify career pathways, build professional skills, and set goals for entry-level roles in the human services field.

There are no required materials for this course.

Allied Health Careers A/B



Allied Health Careers focuses on the health care delivery system and careers in allied health services. In semester A, students begin by learning the structures and functions of various body systems. They explore common diseases and disorders of each system and discuss strategies and factors that influence overall health and wellness. In addition, semester A covers medical terminology, diagnostic imaging techniques, electrocardiography, common laboratory tests, and respiratory care.

Semester B focuses on the skills and knowledge needed by allied health professionals in various health care fields. It also covers information concerning safety, law, and ethics in health care settings. In addition, students learn important workplace skills related to communication, teamwork, and leadership.

The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos keep students engaged. And the practice test at the end of the course helps students reinforce their understanding of key concepts.

Anatomy and Physiology A/B

Anatomy and Physiology focuses on the anatomy and physiology of the human body. Students learn about the organization and structure of the body, common medical terminology, and the structures and functions of cells and tissues. They also learn about the common diseases and disorders associated with the systems of the body.

The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

Applied Medical Terminology A/B

Applied Medical Terminology is a two-semester course designed to focus on medical terminology related to human body systems and the professional skills essential for healthcare careers. Students will examine the structure and function of body systems, interpret medical word parts, abbreviations, and symbols, and analyze diseases, disorders, treatments, and procedures for each body system. The course places a particular focus on communication skills, professional conduct, safety practices, and culturally sensitive interactions in healthcare settings. In unit activities, students will research healthcare professions and specializations, describe diseases and associated symptoms, and identify qualifications and equipment used in various healthcare careers. Students will also apply problem-solving techniques to healthcare scenarios, create a Code of Conduct for healthcare employees, and research private, state, and federal health insurance plans in the United States.

There are no required materials for this course.

Biotechnology A/B

Biotechnology focuses on the fundamentals of biotechnology. In semester A, students become familiar with the basics of cell biology and molecular biology. They describe the structures and functions of DNA, RNA, and proteins, and they are introduced to the concepts of polymerase chain reactions, recombinant DNA technology, and protein engineering. Finally, students learn the significance of safety protocols in the laboratory and apply advanced laboratory techniques to perform an experiment.

Topics covered in semester B include genetics, regulations that apply to biotechnology, and biotech careers. Students learn about the contributions of various scientists, the importance of the discovery of DNA, and genetic engineering. They explore biotechnology in industry, agriculture, and medicine and discuss the latest trends in the field and its impact on society.

The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos keep students engaged. Simulations help students practice various laboratory techniques. And the practice test at the end of the course helps students reinforce their understanding of key concepts.

Certified Medical Assistant A/B



Certified Medical Assistant is a two-semester course designed to focus on the foundational skills and knowledge required in a clinical medical setting. Students will learn the fundamentals of patient intake, documentation, and preparing patients for screenings and examinations while learning the importance of ensuring compliance with healthcare regulations. Students will also learn the professional, legal, and ethical sides of working in a healthcare setting. They will also examine human anatomy, physiology, and body system functions to identify normal and abnormal conditions. Students will also learn about healthcare systems and operations, handling patient information securely, and communicating effectively with patients and healthcare teams. They will describe safety and infection control protocols and emergency response procedures. In addition, the course covers how to evaluate medications, vaccines, and immunization guidelines. The course will also teach students to practice analyzing office operations and creating efficient workflows. Students will develop and apply creativity, critical thinking, leadership, and communication skills while cultivating fortitude and a growth mindset.

This course will prepare students to earn Clinical Medical Assistant (CMAC) (AMCA) certifications.

Certified Nurse Aide A/B

The course is designed to enable students to learn the key skills and information that they need to work as certified nurse aides. The course will help students develop an understanding of the human body, physical and nutritional needs, mental health needs and teach them to provide culturally competent and quality care to clients in a safe and healthy environment. The course is based on the NNAAP Exam syllabus and is designed to prepare students to take the exam and become certified nurse aides. The course has animations and videos that demonstrate key skills that students must acquire to work as nurse aides. The practice test at the end of the course gives students practice on the written exam that they'll need to give to become certified nurse aides.

Child Development and Parenting A/B

Child Development and Parenting is a two-semester course designed to promote understanding of child development stages, parenting skills, and family responsibilities. Students will examine parenting styles and trends, family planning strategies, child growth and development, and health and safety considerations. There is a particular focus on effective communication strategies, workplace ethics in childcare careers, and child welfare laws and organizations. In unit activities, students will research factors affecting child development and community support systems, estimate costs of raising children, and explore youth organizations. Students will also identify developmental stages and milestones in children, describe resources for families and children in need, and explore professional roles and responsibilities in the child development field.

There are no required materials for this course.

Cosmetology I A/B

Cosmetology I is a two-semester course designed to focus on cosmetology fundamentals. Students explore the history and evolution of the cosmetology profession and cosmetology techniques. They explore career pathways, identify required skills, and outline the process of obtaining and maintaining a cosmetology license. Students apply federal and state-mandated safety, sanitation, and infection control principles to ensure a hygienic and professional salon environment. Students also learn the science of hair styling, including hair care services and techniques adapting to various hair types and textures. Students will also focus on cosmetology tools and salon equipment, skin and nail care routines, and salon safety and ergonomics. Students examine the professional skills necessary for a career in cosmetology and practice applying ethical concepts to salon scenarios. Students will develop and apply critical thinking, communication, collaboration, problem-solving, leadership, and creative skills while cultivating a growth mindset.

Cosmetology II A/B

Cosmetology II is a two-semester course designed to develop students' foundational and technical skills in professional makeup, skin care, hair care, and salon operations. Students will learn how to apply basic and advanced makeup techniques, perform facial treatments, demonstrate waxing and cleansing procedures, and follow hygiene and



sanitation protocols. They will also expand their expertise in hair services by researching treatments for scalp conditions, practicing hairstyling for natural hair, and performing advanced thermal and wet styling techniques. They will gain proficiency in haircutting through the use of industry-standard tools and techniques, and they will examine the components of salon ownership by comparing business models, designing start-up plans, and exploring customer service, ethics, and salon technology. In addition, the students will learn nail care procedures, including manicures, pedicures, nail enhancements, and decorative nail art. Career-specific activities will help students practice and apply durable skills.

The materials needed for this course include professional makeup kits, skin care products, hair care and styling tools, haircutting supplies, and nail care items. Additional items include sanitation products, disposable applicators, consultation and planning materials, business planning resources, and practice mannequins or diagrams for demonstrations.

Cosmetology III A/B

Cosmetology III is a two-semester course designed to help students develop advanced technical and professional skills for success in the cosmetology industry. Students will learn advanced haircutting and hairstyling techniques, professional braiding, and the application of wigs, hairpieces, and extensions. They will also learn product chemistry and the composition of hair, and they will learn how to recommend chemical texture services based on comprehensive hair and scalp analyses. Students will develop expertise in hair color formulation and correction using diverse application and highlighting methods. In addition, students will learn about hair texture analysis, training in texturizing approaches—both thermal and chemical—with an emphasis on customization and corrective strategies. Students will study salon operations, workplace safety, customer service, professional ethics, and foundational business practices such as entrepreneurship, marketing, budgeting, and inventory control. Career-specific activities will help students practice and apply durable skills.

The materials needed for this course include mannequin heads, salon tools (such as shears, razors, clippers, and combs), chemical service products, heat styling tools, color swatches, pH testing supplies, and professional-grade styling products.

Counseling and Mental Health A/B

Counseling and Mental Health is a two-semester course designed to introduce students to the foundational knowledge, professional practices, and skills needed for careers in mental health, counseling, social services, and related human services fields. Students will examine the history of mental health care, the impacts of stigma, and the ethical and legal responsibilities of mental health professionals. They will also explore how brain science, human development, and lifestyle factors can shape mental health across the lifespan, with a particular focus on psychological perspectives, social influences on behavior, counseling approaches, and behavior-modification strategies. In unit activities, students will investigate major mental health conditions, including anxiety and mood disorders, trauma-related disorders, eating disorders, psychotic disorders, neurodevelopmental disorders, and substance use disorders. Students will also develop clinical skills in interviewing, helping techniques, assessment, documentation, case management, and crisis response. They will examine grief and loss, high-risk situations requiring professional judgment, and career pathways across a variety of mental health and human services fields. Students will also build skills in critical thinking, professional ethics, empathetic communication, and cultural awareness essential for supporting diverse clients across a range of care settings.

There are no required materials for this course.

Emergency Medical Responder

Emergency Medical Responder is a one-semester course that provides students with foundational skills and knowledge in emergency medical response. They will study the structure and function of emergency medical services (EMS) systems, the roles and responsibilities of emergency medical responders (EMRs), and the legal and ethical considerations in prehospital care. Students will develop proficiency in patient assessment, airway management, basic



life support, trauma care, and medical emergency interventions. They will identify and learn essential techniques such as cardiopulmonary resuscitation (CPR), bleeding control, and stabilization of medical and trauma patients. Additionally, students will learn medical terminology, anatomy, and physiology to strengthen their understanding of emergency conditions and treatment, with special considerations for pediatric, geriatric, and special-needs populations. The course also emphasizes the importance of effective communication, professionalism, and teamwork in emergency settings. Students will analyze EMS operations, public health initiatives, quality improvement processes, and research advancements that affect emergency medical response. Students will develop and apply durable skills such as critical thinking, problem-solving, communication, and leadership skills while gaining insight into career opportunities in EMS and related health care fields.

Emergency Medical Technician A/B

Emergency Medical Technician is a two-semester course designed to concentrate on the foundational knowledge and practical skills students need for an emergency medical technician (EMT) career. Students will examine the history, components, and operational standards of emergency medical services (EMS) and explore related career pathways. They learn medical terminology and the anatomy and physiology of key human body systems. Additionally, they practice recognizing and managing emergencies, including assessing, treating, and transporting patients. Throughout, students develop strong communication and documentation skills essential for careers in EMS. Students will also explore trauma management in specific patient populations and various parts of the body. Students examine trauma systems and emergency operations, apply knowledge of life-saving techniques, and discuss the importance of ensuring scene and personal safety. Students will develop and apply critical thinking skills.

Exercise Science A/B

Exercise Science focuses on providing a solid foundation in exercise science to students interested in careers such as athletic training, personal training, physical therapy, nutrition, and recreational therapy. Students explore the concepts of biomechanics and kinesiology, as well as the anatomy and physiology of various body systems. Students identify common diseases and disorders of each system and discuss the diagnosis, prevention, and treatment of these diseases and disorders. Students will also discover how to perform fitness and biometric measurements, complete client evaluations, and design client exercise and rehabilitation programs. In addition, the course covers the basics of nutrition, physical activity, and wellness.

The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

Florida Applied Medical Terminology A/B

Florida Applied Medical Terminology is a two-semester course designed to focus on medical terminology related to human body systems and the professional skills essential for healthcare careers. Students will examine the structure and function of body systems, interpret medical word parts, abbreviations, and symbols, and analyze diseases, disorders, treatments, and procedures for each body system. The course places a particular focus on communication skills, professional conduct, safety practices, and culturally sensitive interactions in healthcare settings. In unit activities, students will research healthcare professions and specializations, describe diseases and associated symptoms, and identify qualifications and equipment used in various healthcare careers. Students will also apply problem-solving techniques to healthcare scenarios, create a Code of Conduct for healthcare employees, and research private, state, and federal health insurance plans in the United States.

There are no required materials for this course.

Florida Fundamentals of Human Service Careers A/B

Florida Fundamentals of Human Service Careers is a two-semester course designed to introduce students to the foundations of the human services field and careers that support individuals, families, and communities across the lifespan. Students will examine human development, health and wellness, ethical and legal responsibilities, diversity,



advocacy, community resources, and crisis awareness, with a particular focus on confidentiality, cultural responsiveness, professional conduct, and the role of helping professionals in supporting diverse populations. They will also build communication, professionalism, and culturally responsive interaction skills used across a range of human services settings. In unit activities, students will explore leadership, collaboration, conflict resolution, and advocacy strategies used in human services environments. Students will also examine career pathways and professional communication in the human services field and engage in service-learning experiences that connect course concepts to real-world practice. They will apply critical thinking, communication, collaboration, and problem-solving skills through hands-on activities and projects. Students will also develop career readiness skills by exploring professional roles and responsibilities across human services professions.

There are no required materials for this course.

Florida Health Science 1 A/B

Florida Health Science 1 is a two-semester course designed to promote understanding of the structure and function of the human body and the health science careers related to each body system. Students will examine human body systems, diseases and disorders, and medical procedures and treatments. The course places a particular focus on medical terminology, nutrition, biomolecules, and biological and chemical processes. In unit activities, students will interpret medical terminology used in health care, analyze the causes and treatments of diseases and disorders, and measure the effects of carbohydrates, lipids, and nutrients on the human body. Students will also inspect biological and chemical processes throughout the body and analyze the evolution of DNA, RNA, and genetics research in the health sciences.

There are no required materials for this course.

Florida Health Science 2 A/B

Florida Health Science 2 is a two-semester course designed to promote understanding of the skills and knowledge required for success in modern health care careers. Students will examine the US health care delivery system, diagnostic and therapeutic services, health informatics, and medical math. The course places a particular focus on professional conduct, infection control, disease prevention, medical and surgical equipment, and rehabilitative care. In unit activities, students will appraise the roles and responsibilities of various health care professions and analyze the impact of diversity, cultural beliefs, and stereotypes on health care treatment. Students will also examine patient rights, policies, and ethical standards, employ professional skills such as leadership, communication, and stress management, and analyze safety and emergency procedures that reduce injuries and control the spread of infection in health care facilities.

There are no required materials for this course.

Florida Nutrition and Wellness

Florida Nutrition and Wellness is a one-semester introductory course that covers the basics of nutrition and health. The course introduces students to nutrients, their food sources, their functions, nutrient recommendations, and dietary guidelines. Students will learn about factors that affect health, wellness and fitness, and the nutritional needs through life. Food management principles, such as safe food handling practices, foodborne pathogens and illnesses, food preparation and presentation techniques, menu planning, and technological advances in the food industry are covered in this course. Finally, students will explore career options in the field of nutrition and wellness and learn about goal setting, planning a career, and workplace skills and ethics.

Florida Parenting Skills and Child Development A/B

Florida Parenting Skills and Child Development is a two-semester course designed to promote understanding of child development stages, parenting skills, and family responsibilities. Students will examine parenting styles and trends, family planning strategies, child growth and development, and health and safety considerations. There is a particular focus on effective communication strategies, workplace ethics in childcare careers, and child welfare laws and organizations. In unit activities, students will research factors affecting child development and community support systems, estimate costs of raising children, and explore youth organizations. Students will also identify developmental



stages and milestones in children, describe resources for families and children in need, and explore professional roles and responsibilities in the child development field.

There are no required materials for this course.

Fundamentals of Human Services A/B

Fundamentals of Human Services is a two-semester course designed to introduce students to the knowledge and skills used by professionals who support people through crisis, grief, and loss. Students will examine crisis intervention models, grief theories, and the psychosocial needs of bereaved individuals, and develop skills in crisis assessment, professional communication, and referral coordination, with a particular focus on community demographics, cultural responsiveness, ethical responsibilities, and career pathways in human services. In unit activities, students will assess crisis situations and apply intervention models, respond to a range of crisis types, including interpersonal violence, suicide risk, trauma, substance use, and health-related crises, and explore career pathways across direct client support, community outreach, specialized services, and program leadership. Students will also examine how grief is experienced by people of different ages, cultures, and life circumstances, study the roles of hospice and palliative care, and learn to recognize complicated grief and navigate ethical responsibilities in grief support.

There are no required materials for this course.

Health Information Management A/B

Health Information Management introduces students to the U.S. healthcare system and the basic concepts related to health information management. Students will gain an understanding of information systems in health care; the evolving role of health data in health information systems; and how professionals in this field use data to support the clinical, financial, administrative, and research functions of an organization.

This course offers students insight into career opportunities in health information management and opportunities for advancement and employability skills for a successful career. Students will also learn about the key laws, regulations, and ethical standards that govern professionals in health information, such as the Health Insurance Portability and Accountability Act (HIPAA), the American Health Information Management Association (AHIMA) Code of Ethics, and laws on worker safety.

Health Science 1 A/B

Health Science 1 is a two-semester course designed to promote understanding of the structure and function of the human body and the health science careers related to each body system. Students will examine human body systems, diseases and disorders, and medical procedures and treatments. The course places a particular focus on medical terminology, nutrition, biomolecules, and biological and chemical processes. In unit activities, students will interpret medical terminology used in health care, analyze the causes and treatments of diseases and disorders, and measure the effects of carbohydrates, lipids, and nutrients on the human body. Students will also examine biological and chemical processes throughout the body and analyze the evolution of DNA, RNA, and the field of genetics research in the health sciences.

There are no required materials for this course.

Health Science 2 A/B

Health Science 2 is a two-semester course designed to promote understanding of the skills and knowledge required for success in modern health care careers. Students will examine the US health care delivery system, diagnostic and therapeutic services, health informatics, and medical math. The course places a particular focus on professional conduct, infection control, disease prevention, medical and surgical equipment, and rehabilitative care. In unit activities, students will appraise the roles and responsibilities of various health care professions and analyze the impact of diversity, cultural beliefs, and stereotypes on health care treatment. Students will also examine patient rights, policies, and ethical



standards, employ professional skills such as leadership, communication, and stress management, and analyze safety and emergency procedures that reduce injuries and control the spread of infection in health care facilities.

There are no required materials for this course.

Human Growth and Development A/B

Human Growth and Development is a two-semester course designed to trace human development from conception through late adulthood, examining how people grow, think, feel, and connect at every stage of life. Students will explore foundational principles of human development across five domains—physical, cognitive, social/emotional, and language development—and apply major developmental theories to understand what shapes human growth, with a particular focus on health and safety practices, ethical issues in caregiving, and strategies for optimizing development at each stage. They will follow the developmental journey from before birth through the preschool years, examining key milestones and factors that influence early growth. In unit activities, students will continue tracing development from middle childhood and adolescence through early, middle, and late adulthood, evaluating how it unfolds across the full human lifespan. Students will also examine complex ethical issues in human development and apply skills in critical thinking, written communication, and cultural awareness through hands-on activities and projects. They will explore career pathways in human services and early childhood education and develop professional ethics and leadership skills essential for supporting diverse individuals across a range of care settings.

There are no required materials for this course.

Introduction to Military Careers

Introduction to Military Careers is a one-semester course that introduces the US military and describes each of its branches, which includes the National Guard, Army, Navy, Marine Corps, Coast Guard, and Air Force. Students will learn about the relationship of the military reserve to the branches of the military. The course covers non-combat careers in the military, such as military intelligence, information technology, health care, legal services, logistics, aviation, and transportation, and other specialized careers. This course also covers enlistment and fitness requirements for military careers and personal traits that are essential for success in the military. The lessons in the course provide students with both breadth and depth, as they learn about the US Military. Online discussions and course activities require students to develop and apply critical thinking skills while appealing to a variety of learning styles and keep students engaged. There are no required materials for this course.

Medical Coding and Billing A/B

Medical Coding and Billing prepares high school students for a career as a medical coding and billing specialist. The topics covered in this course provide a strong foundation for students planning to take a certification exam, such as the Certified Professional Coder (CPC) exam or the Certified Coding Associate (CCA) exam.

This course presents an overview of the U.S. healthcare delivery system and explains what medical coders and billers do to keep this system operating efficiently. After a review of the anatomy and physiology of humans, students will then explore medical coding and billing jobs in different settings, including hospitals, physicians' offices, and insurance companies. This course also provides coverage of the ICD-10-CM, CPT®, HCPCS, and ICD-10-PCS coding systems and an overview of the medical billing process and healthcare revenue cycle management.

Medical Therapeutics A/B

Medical Therapeutics focuses on identifying employment and entrepreneurial opportunities in medical therapeutics. Students create a career plan and develop a variety of skills related to communication, teamwork, and leadership. They also learn about laws, ethics, and workplace and equipment safety, as well as electronic health records and the health care delivery system. Students also explore the major body systems and identify common diseases and disorders of each system. Finally, students demonstrate proficiency in the use of medical terminology.



The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The end-of-semester test at the end of the course helps students reinforce their understanding of key concepts.

Nutrition A/B

Nutrition is a two-semester course designed to focus on the foundational principles of nutrition science, preparing students for careers in nutrition, dietetics, and related health fields. Students will examine the role of nutrition in promoting health and preventing disease, emphasizing evidence-based dietary guidelines and nutrient functions, including how the body processes nutrients. Students research food safety protocols and study cooking techniques and meal-planning strategies. Students will analyze special dietary considerations. They will also learn about the components of and operation of the food industry, food safety regulations, and career pathways in the field of nutrition. Students explore career planning and evaluate professional skills necessary for career success. Additionally, students will develop and apply research, critical thinking, and communication skills.

Nutrition and Wellness

Nutrition and Wellness is a one-semester introductory course that covers the basics of nutrition and health. The course introduces students to nutrients, their food sources, their functions, nutrient recommendations, and food labeling. Students will learn about the digestive and metabolic processes in the human body and discuss factors that affect health, wellness and fitness, and the nutritional needs through the life and for specific conditions. Food management principles, such as safe food handling practices, foodborne pathogens and illnesses, food preparation and presentation techniques, menu planning, and technological advances and marketing trends in the food industry are covered in this course. Finally, students will explore career options in the field of nutrition and wellness and learn about goal setting, planning a career, and workplace skills and ethics.

Nutrition, Food, and Wellness Certification

Nutrition, Food, and Wellness Certification is a one-semester course designed to introduce students to the concepts of Dietary Guidelines for Americans (DGA), Recommended Dietary Allowances (RDA), and MyPlate. The course covers the fundamentals of macronutrients and micronutrients, components of wellness, influences on food choices, and how government agencies regulate the food industry. It also explores foodborne illnesses and how they can be prevented through practices such as good sanitation and proper use of equipment. Students will learn about food science and technology and their roles in enhancing and expanding the food supply. They will gain insight into local and national job opportunities in the food and nutrition industry, particularly in food manufacturing, distribution, and biotechnology. Additionally, students will develop and apply durable skills such as critical thinking, communication, and creativity, as well as character skills like a growth mindset.

This course will prepare students to earn American Association of Family and Consumer Sciences certifications.

Personal Finance

Personal Finance is a one-semester course that teaches financial literacy skills to help students plan and achieve career and personal goals. This course focuses on consumer economics, financial services, and personal financial management. Students learn how to budget, spend, invest, and make every day financial decisions. The course also provides an exploration of careers in personal finance and consumer services.

Principles of Health Science A/B

The Principles of Health Science course is a two-semester course. With an engaging and interactive instructional approach, the Principles of Health Science course provides students with a comprehensive overview of health science topics and careers. Health science professionals are in increasing demand, and this course is an effective way to introduce students to a wide array of health science careers. Students will learn about the history of health care in the United States, job opportunities in the five healthcare systems, the qualifications and skills required to work in the healthcare sector, and factors that are important in a workplace environment such as communication skills, knowledge



of laws and ethics related to health care, and knowledge of health and wellness. Additionally, the course covers medical terminology, human anatomy, homeostasis, and different stages of human life.

Principles of Health Science A/B (Apex)

Principles of Health Science provides knowledge and skills students need for careers in health care. Students explore the services, structure, and professions of the health care system and get guidance on choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine.

Students focus on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, creating medical records, and practicing good communication, collaboration, and leadership. In addition, students expand their understanding of health and safety systems, learn how to address emergency situations, and deal with infection control issues. Students also explore medical science topics, terminology, procedures, and regulations — including an overview of physiology and medical measurements.

Using real-life scenarios and application-driven activities, students learn the responsibilities and challenges of being health care professionals and deepen their knowledge of various career options. In addition to building their understanding of technical concepts and skills, students evaluate the qualifications required for specific careers and develop personal career plans to pursue work in the health care industry and extend their knowledge of oral and written communication in health science.

Principles of Health Science is a full-year Career and Technical Education course for programs of study in health sciences. This course is built to state and national standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Principles of Human Services A/B

Principles of Human Services is a two-semester course designed to introduce students to the foundations of the human services field and careers that support individuals, families, and communities. Students will examine human development, health and wellness, ethical and legal responsibilities, diversity, advocacy, community resources, and crisis awareness, with a particular focus on confidentiality, cultural responsiveness, professional conduct, and the roles of helping professionals in supporting diverse populations. They will also build communication, professionalism, and culturally responsive interaction skills that are used across a range of human services settings. In unit activities, students will explore leadership, collaboration, conflict resolution, and advocacy strategies applied in human services environments. Students will also examine career pathways and professional communication in the human services field and engage in service-learning experiences that connect course concepts to real-world practice. They will apply critical thinking, communication, collaboration, and problem-solving skills through hands-on activities and projects. Students will also develop career-readiness skills by exploring roles and responsibilities across a variety of human services professions.

There are no required materials for this course.

Psychology A/B

Psychology is a two-semester course that gives your students an overview of the history of psychology while also giving them the resources to explore career opportunities in the field. Students will learn how psychologists develop and validate theories and will examine how hereditary, social, and cultural factors help form an individual's behavior and attitudes. Students will also evaluate the effectiveness of different types of psychological counseling and therapy and describe key statistical concepts used in psychological research and testing. Finally, students will identify and explore career opportunities in psychology.

There are no required materials for this course.

Rehabilitation Careers A/B

Rehabilitation Careers focuses on the skills and knowledge needed by professionals in rehabilitation therapy. Students are introduced to various careers in rehabilitation and learn about employment opportunities in this field. They learn about the anatomy and structure of the human body and common medical terminology. In addition, students will



discover patient care skills, how to estimate insurance costs for patients, and safety guidelines for working in a rehabilitation career.

The lesson activities, unit activities, course assignment, and course project help students develop and apply critical thinking skills. The videos included in the lessons keep students engaged. The practice test at the end of the course helps students reinforce their understanding of key concepts.

Relationships and Emotions A/B

Relationships and Emotions is a two-semester course that focuses on various facets and complexities of relationships and emotions. The course begins with an explanation of the importance of communication skills in building relationships. It then delves into problem-solving, critical thinking, time management, and goal setting—all skills essential for a fulfilling life. The course next explores different kinds of relationships, including familial and other common societal relationships, while distinguishing between healthy and unhealthy relationships. In addition, the course discusses conflict resolution, support systems, self-esteem, and self-management strategies.

Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

Sociology

Sociology is a one-semester course, students will explore the evolution of sociology as a distinct discipline while learning about sociological concepts and processes. They will learn how the individual relates to and impacts society. Students will also learn about the influence of culture, social structure, socialization, and social change on themselves and others. The course combines a variety of content types, including lessons, activities, and discussions to engage learners as they discover sociology as a subject and as a career.

There are no required materials for this course.

Hospitality, Events, and Tourism

Culinary Arts A/B

Culinary Arts is a two-semester course designed to promote understanding of the history and development of culinary arts, nutrition fundamentals, and food preparation techniques. Students will examine the evolution of cuisines and kitchen equipment, safety practices and laws, and proper cooking techniques for various foods. The course places a particular focus on menu planning, food presentation, kitchen management, and professional skills for career advancement in the food service industry. In unit activities, students will practice recipe interpretation and yield conversion, plan menus, and identify cooking methods for various food types. Students will also explore customer service, green certification practices, and career paths in the food service industry.

There are no required materials for this course.

Florida Culinary Arts 1 A/B

Florida Culinary Arts 1 is a two-semester course designed to promote understanding of the history and development of culinary arts, nutrition fundamentals, and food preparation techniques. Students will examine the evolution of cuisines and kitchen equipment, safety practices and laws, and proper cooking techniques for various foods. The course places a particular focus on menu planning, food presentation, kitchen management, and professional skills for career advancement in the food service industry. In unit activities, students will practice recipe interpretation and yield conversion, plan menus, and identify cooking methods for various food types. Students will also explore customer service, green certification practices, and career paths in the food service industry.

There are no required materials for this course.

Florida Introduction to Hospitality and Tourism A/B



Florida Introduction to Hospitality and Tourism is a two-semester course designed to promote understanding of the hospitality and tourism industry, its components, and the careers available within it. Students will examine the history and economic importance of the industry, food service and lodging operations, and travel and tourism structures. The course places a particular focus on customer service, workplace diversity, and safety and legal frameworks. In unit activities, students will apply food safety and service standards to hospitality operations, analyze marketing strategies, and evaluate leadership practices. Students will also develop career advancement skills and apply problem-solving and communication strategies to workplace challenges in the hospitality and tourism field. There are no required materials for this course.

Food Handler and Food Manager Certifications

The Food Handler and Food Manager Certifications course helps students learn what they need to know to be successful in the National Restaurant Association (NRA) ServSafe® Food Handler and Manager Certification exam. The five units of the course arm students with the knowledge and skills to provide safe food to customers as a food handler or a food manager. Key topics include the principles of food safety, hygiene practices, time and temperature control, food procedures from initial purchasing to final serving, procedures for cleaning and sanitizing, and food service inspection protocols.

Hospitality Management A/B

Hospitality Management is a two-semester course that focuses on the knowledge and skills needed by professionals in the hospitality and tourism industry. Students are introduced to the history of this vibrant industry, its economic significance, and its social and environmental impact. They learn about the various segments of the industry, including the departments of a hotel, tourism, and conventions and meetings. Students also explore management functions, such as staffing and leadership.

Lesson Activities, Unit Activities, a Course Activity, and a Course Project help students develop and apply critical thinking skills. Videos and interactive content included in the lessons keep students engaged and make technical concepts easy to understand. The end-of-semester test helps students reinforce their understanding of key concepts.

Principles of Hospitality and Tourism A/B

Principles of Hospitality and Tourism is a two-semester course designed to promote understanding of the hospitality and tourism industry, its components, and the careers available within it. Students will examine the history and economic importance of the industry, food service and lodging operations, and travel and tourism structures. The course places a particular focus on customer service, workplace diversity, and safety and legal frameworks. In unit activities, students will apply food safety and service standards to hospitality operations, analyze marketing strategies, and evaluate leadership practices. Students will also develop career advancement skills and apply problem-solving and communication strategies to workplace challenges in the hospitality and tourism field.

There are no required materials for this course.

Sports and Entertainment Marketing

Sports and Entertainment Marketing is a one-semester course designed to promote understanding of fundamental marketing concepts and strategies in the sports, entertainment, and recreation industries. Students will examine organizational structures and financial systems, pricing mechanisms, consumer segmentation, and advertising and sponsorship strategies. The course places a particular focus on integrated promotional campaigns, sales management, merchandising, and market research methodologies. In unit activities, students will analyze marketing functions and positioning strategies, apply leadership and teamwork skills to workplace scenarios, and design comprehensive sports and entertainment marketing events or campaigns. Students will also develop quantitative forecasting techniques and evaluate the effectiveness of marketing campaigns in the sports, entertainment, and recreation field.

There are no required materials for this course.

Management and Entrepreneurship



Business Applications (Apex)

Business Applications prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software.

This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.

Business Applications is an introductory level Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. This course is built to state and national standards. Students who successfully complete the course can go on to obtain the Microsoft® Office Specialist: Microsoft® Office Word certification.*

*Microsoft is a registered trademark of Microsoft Corporation in the United States and/or other countries.

This updated course was originally created for Apex Courses and is now available in Courseware.

Business Information Management A/B

Business Information Management is a two-semester course designed to promote understanding of essential computer skills and technology applications required for college and professional careers in business. Students will examine the role of technology in business organizations, Internet communications, and emerging technologies, and demonstrate proficiency in word processing, spreadsheets, presentations, and database software. The course places a particular focus on website design, project management, and leadership skills. In unit activities, students will research emerging technologies and their business applications, create professional documents and presentations, and work with databases and spreadsheet programs. Students will also develop websites, examine project management principles, explore industry trends and career roles in the business information management field, and complete long-term course projects examining professional organizations and industry challenges.

There are no required materials for this course.

Computer Applications (Apex)

Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of web publishing and design, spreadsheets, and database software.

This course allows students to explore careers in the fields of business and information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them. Computer Applications is an introductory level Career and Technical Education course applicable to programs of study in Business Management and Administration, Information Technology, and other career clusters. This course is built to state and national standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Entrepreneurship A/B



Entrepreneurship is a two-semester course designed to promote understanding of the knowledge and skills required to launch and manage a successful business. Students will examine entrepreneurial characteristics and business models, product development and pricing, market research, and operations management. The course places a particular focus on financial analysis, human resources, and legal and ethical considerations in business. In unit activities, students will evaluate distribution and promotion strategies, assess inventory control and supply chain management, and interpret accounting statements and types of business capital. Students will also apply knowledge of contract and intellectual property law to business scenarios and construct a comprehensive business plan.

There are no required materials for this course.

Florida Applied Computer Business Skills I A/B

Florida Applied Computer Business Skills I is a two-semester course designed to promote understanding of essential computer skills and technology applications required for college and professional careers in business. Students will examine the role of technology in business organizations, Internet communications, and emerging technologies, and demonstrate proficiency in word processing, spreadsheets, presentations, and database software. The course places a particular focus on website design, project management, and leadership skills. In unit activities, students will research emerging technologies and their business applications, create professional documents and presentations, and work with databases and spreadsheet programs. Students will also develop websites, examine project management principles, explore industry trends and career roles in the business information management field, and complete long-term course projects examining professional organizations and industry challenges.

There are no required materials for this course.

Florida Introduction to Business, Management, and Administration A/B

Florida Introduction to Business, Management and Administration is a two-semester course designed to promote understanding of the skills and knowledge required for success in modern careers in the business, marketing, and finance cluster. Students will examine business and economic structures, the intersection of marketing, advertising, sales, and merchandising, and financial strategies for personal and business goals. The course places a particular focus on ethical and legal influences on business and the advantages and risks of business technologies. In unit activities, students will explore career pathways, apply professional skills to create a safe and respectful work environment, and analyze the skills and training required for career advancement in the business, marketing, and finance field. Students will also develop foundational knowledge of business operations, marketing strategies, and financial planning to prepare for advanced coursework and careers in the field.

There are no required materials for this course.

Florida Principles of Entrepreneurship A/B

Florida Principles of Entrepreneurship is a two-semester course designed to promote understanding of the knowledge and skills required to launch and manage a successful business. Students will examine entrepreneurial characteristics and business models, product development and pricing, market research, and operations management. The course places a particular focus on financial analysis, human resources, and legal and ethical considerations in business. In unit activities, students will evaluate distribution and promotion strategies, assess inventory control and supply chain management, and interpret accounting statements and types of business capital. Students will also apply knowledge of contract and intellectual property law to business scenarios and construct a comprehensive business plan.

There are no required materials for this course.

Florida Professional Communications

Florida Professional Communications is a one-semester course designed to enable all students at the high school level to develop communication skills they will need to be successful in a profession. Students learn about the key aspects of the communication process. They learn to apply communication protocol and appropriate language skills in professional and social communication. Students also explore effective strategies to address diversity in communication. Finally,



students familiarize themselves with reading, writing, speaking, and listening skills. This course covers topics such as communication in business organizations and technology for communication. The course is based on Career Technical Education (CTE) standards designed to help students prepare for communication in a wide range of professions.

Information Technology Applications (Apex)

Information Technology Applications prepares students to work in the field of information technology. Students demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the internet, web publishing, spreadsheets, and database software. Through a series of hands-on activities, students learn what to expect in the field of information technology and begin exploring career options in that field.

Information Technology Applications is an introductory level Career and Technical Education course applicable to programs of study in information technology as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel, and Microsoft Access, as well as IC3 certification.

This updated course was originally created for Apex Courses and is now available in Courseware.

International Business

International Business is a one-semester course that covers the fundamentals of international business, international business transactions, and how a business can go global. In this course, students will learn about international business and how globalization has impacted it. They will learn about global trade and investment policies, and politics and laws that impact international business. Students will also learn about the International Monetary Fund, foreign exchange and global capital markets, key world economies, and economic cooperation across countries. The course also covers strategies to enter the international market along with factors like strategic planning, marketing, global sourcing, and logistics, human resource management, and employability skills. Students also learn about the cultural elements involved in conducting international business.

Introduction to Business and Technology (Apex)

Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students also learn the essentials of working in a business environment, managing a business, and owning a business.

This course allows students to explore careers in business and information technology while learning skills applicable to any professional setting. Through a variety of hands-on activities, students engage with word processing, presentation, and spreadsheet software and explore operating systems, networking, and the internet. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for the workplace. In addition, students evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Introduction to Business and Technology is a full-year introductory Career and Technical Education course applicable to programs of study in the business management and administration and the information technology career clusters, as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel, and Microsoft Access, as well as IC3 certification.

This updated course was originally created for Apex Courses and is now available in Courseware.

Management Fundamentals A/B (Apex)

Management Fundamentals explores the main functions of managing activities and personnel in a business environment. Students gain awareness about the nature of human resources and training and development, as well as the legalities of business and the nature and sources of law affecting managerial administration. With a greater understanding of contracts, government relations, and the ability to mechanize ethically the relationships between



employees, consumers, and business interests, students enter the world of business administration prepared for the challenges of maintaining a worthwhile and positive organization.

This full-year course is applicable to the business management and administration program of study in Indiana in alignment with Perkins V and NLPS requirements and is built to state standards. Students may take this course to satisfy the Concentrator A option in the aforementioned pathway.

This updated course was originally created for Apex Courses and is now available in Courseware.

Principles of Business Management A/B (Apex)

Principles of Business Management prepares students for the responsibilities of starting and managing a business in today's economic climate. Students interact with the mechanisms of management systems from the perspective of business leadership, with emphasis on honing their technical toolset to operate effectively in a changing landscape. Students also develop a functional awareness of the economic relationship between finance and marketing and attain an understanding of what it takes to both start and ethically run an enterprise with organizational goals in mind.

This full-year course is applicable to both the finance and business administration programs of study in Indiana in alignment with Perkins V and NLPS requirements and is built to state standards. Students who complete this course will be prepared to take the Concentrator A options in either aforementioned pathway.

This updated course was originally created for Apex Courses and is now available in Courseware.

Principles of Business, Marketing, and Finance A/B

Principles of Business, Marketing, and Finance is a two-semester course designed to promote understanding of the skills and knowledge required for success in modern careers in the business, marketing, and finance cluster. Students will examine business and economic structures, the intersection of marketing, advertising, sales, and merchandising, and financial strategies for personal and business goals. The course places a particular focus on ethical and legal influences on business and the advantages and risks of business technologies. In unit activities, students will explore career pathways, apply professional skills to create a safe and respectful work environment, and analyze the skills and training required for career advancement in the business, marketing, and finance field. Students will also develop foundational knowledge of business operations, marketing strategies, and financial planning to prepare for advanced coursework and careers in the field.

There are no required materials for this course.

Principles of Business, Marketing, and Finance A/B (Apex)

Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society. They also develop an understanding of the marketplace and product placement and promotion.

Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends.

Using hands-on activities, students reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, distribution, and management, while also focusing on economics and interpersonal skills. This course also addresses exploring career options in business and marketing as well as securing and keeping a job.

Principles of Business, Marketing, and Finance is a full-year Career and Technical Education course for programs of study in business management and administration. This course is built to state and national standards.

This updated course was originally created for Apex Courses and is now available in Courseware.

Professional Communications

Professional Communications is a one-semester course that is designed to enable all students at the high school level to develop the communication skills they will need to be successful in a profession. Students learn about the key aspects of



the communication process. They learn to apply communication protocol and appropriate language skills in professional and social communication. Students also explore effective strategies to address diversity in communication. Finally, students familiarize themselves with reading, writing, speaking, and listening skills. This course covers topics such as communication in business organizations and technology for communication. The course is based on Career Technical Education (CTE) standards designed to help students prepare for communication in a wide range of professions. The materials needed for this course include a business productivity-type software, such as Microsoft Office.

Project Management Ready Certification

Project Management Ready Certification is a one-semester course designed to help students build a strong foundation in project management concepts, tools, and techniques with a specific focus on workforce readiness. Students will learn about the entire project management life cycle, examine management approaches, and understand the ethical responsibilities of project managers. They will also develop project charters, define stakeholder roles, and apply strategies for effective planning, scheduling, and budgeting. Students will strengthen their ability to analyze project performance, manage variables, apply quality management principles, and navigate the change management process to ensure successful project completion. In addition, they will learn essential strategies for managing tasks, guiding teams, and closing projects efficiently. Students will also learn the skills needed to communicate their value in project management roles and professional settings. Career-specific activities will help students practice and apply durable skills.

There are no materials required for this course.

Marketing and Sales

Advertising and Public Relations A/B

Advertising and Public Relations is a two-semester course designed to introduce students to the foundational concepts, strategies, and professional practices of the advertising and public relations industry. Students will learn about the historical, social, and economic forces that have shaped advertising, and examine how elements of the marketing mix and promotional mix influence advertising decisions and campaign planning, including the legal and ethical responsibilities that guide responsible practice in the field. Students will explore how market segmentation, target marketing, and consumer engagement strategies are used to design messages for specific audiences, as well as advertising media types, design principles, and the differences between promotional and institutional advertising. They will also examine how marketing research data is collected and applied to advertising decisions, explore social media marketing strategies, and develop skills in digital content creation. The course will also teach students how to evaluate public relations strategies and crisis communication; develop professional press kits; and analyze how campaigns are executed, measured, and documented. Students will develop and apply critical thinking, communication, and professional decision-making skills while building the knowledge needed for entry-level roles in advertising and public relations careers.

There are no required materials for this course.

Digital Marketing

Digital Marketing is a one-semester course designed to promote understanding of the foundational principles and practical strategies of marketing in the digital age. Students will explore the digital landscape, including the shift from traditional outbound marketing to modern inbound approaches, and examine how platforms, tools, and data shape today's business communication strategies. The course places a particular focus on brand strategy, content creation, social media marketing, mobile technologies, and campaign planning. In unit activities, students will design platform-specific content strategies, build multichannel campaigns, conduct social media audits, and apply the 4 C's of social media marketing—content, consistency, community, and culture—across a variety of digital tools. Students will also interpret key performance indicators (KPIs), apply search engine optimization (SEO) principles, and use data analytics to



evaluate and improve campaign performance. In addition, the course highlights the ethical and legal responsibilities of digital marketers, including consumer privacy, data security, and professional conduct. Students will explore career pathways within the marketing communications industry, develop personal brand strategies, and build electronic portfolios that demonstrate their career readiness.

There are no required materials for this course.

Florida Marketing Essentials A/B

"Florida Marketing Essentials is a two-semester course designed to introduce students to the fundamental ideas, strategies, and real-world practices used in marketing. Students will examine how businesses create value for customers and explore the core functions of marketing and the marketing mix. They will also analyze market segmentation, consumer behavior, and how economic conditions, business cycles, competition, and government policies affect marketing decisions, with a particular focus on business ownership, financial decision-making, global trade, and international marketing strategies. In unit activities, students will examine the key components of a marketing plan and practice marketing research skills by collecting and analyzing data and completing SWOT analyses. Students will develop marketing strategies for different types of customer groups and explore how businesses operate in worldwide markets. Students will also apply learning through real-world case studies and project-based assignments that build critical thinking, communication, and decision-making skills. They will examine career pathways and entry-level opportunities in marketing and related business fields.

There are no required materials for this course.

Introduction to Social Media

Introduction to Social Media is a one-semester course intended to familiarize students with the evolution and rapid growth of social media. The course explores different types of social media platforms, their features, and their benefits and risks. Students will learn about wikis and crowdsourcing and how social media is used for marketing. The course also covers online security and privacy risks, safety guidelines, and what it means to be a good digital citizen.

There are no required materials for this course.

Marketing Fundamentals A/B

Marketing Fundamentals is a one-semester course designed to introduce students to the foundational ideas, strategies, and real-world practices used in marketing. Students will examine how marketers create value for customers and explore the core functions of marketing and the marketing mix. They will also analyze market segmentation, consumer behavior, and how economic conditions, business cycles, competition, and government policies affect marketing decisions, with a particular focus on business ownership, financial decision-making, global trade, and international marketing strategies. In unit activities, students will examine the key components of a marketing plan and practice applying marketing research skills by collecting and analyzing data and completing SWOT (strengths, weaknesses, opportunities, and threats) analyses. Students will develop marketing strategies for different types of customer groups and explore how businesses operate in worldwide markets. Students will also apply their learning through real-world case studies and project-based assignments that build critical thinking, communication, and decision-making skills. They will examine career pathways and entry-level opportunities in marketing and related business fields.

There are no required materials for this course.

Public Service and Safety

Florida Fundamentals of Government and Public Administration A/B

Florida Fundamentals of Government and Public Administration is a two-semester course designed to promote understanding of the foundations and functions of government and public administration in the United States. Students will examine the history and development of the US Constitution, citizens' rights and responsibilities, and the role of



public policy on various groups in the US and abroad. The course places a particular focus on the application of geography, science, and technology to governmental functions. In unit activities, students will analyze the influence of public policy and interpret governmental concepts at the local, state, and federal levels. Students will also appraise career pathways and the professional and ethical skills required for success in the government and public administration field.

There are no required materials for this course.

Florida Introduction to Law, Public Safety, and Security A/B

Florida Introduction to Law, Public Safety, and Security is a two-semester course designed to promote understanding of the criminal justice system, law enforcement, and public safety in the United States. Students will examine the evolution of criminal law, court procedures, the roles of law enforcement and security agencies, and the work of firefighters and emergency responders. The course places a particular focus on Constitutional law, citizens' rights, and the ethical and legal responsibilities of professionals in the field. In unit activities, students will analyze careers in law, corrections, and public safety and assess the safe and ethical use of technology. Students will also develop communication and job acquisition skills and explore career advancement opportunities in the field.

There are no required materials for this course.

Introduction to Criminology

Introduction to Criminology is a one-semester course designed to promote understanding of the fundamental theories and concepts related to crime, deviance, and the criminal justice system. Students will examine classical and positivist schools of criminological thought, individual and structural criminological theories, and the societal factors that influence criminal behavior. The course places a particular focus on labeling processes, social inequality, and alternative approaches to criminology, such as peacemaking criminology. In unit activities, students will analyze criminological theories, including routine activity, social learning, and broken windows theory, and evaluate crime prevention strategies and their effectiveness. Students will also synthesize multiple theoretical frameworks to analyze criminal behavior in specific cases and develop a deeper understanding of the complex relationship between society and crime.

There are no required materials for this course.

Introduction to Forensic Science

Introduction to Forensic Science is designed to introduce students to the importance and limitations of forensic science and explore different career options in this field. They also learn to process a crime scene, collect and preserve evidence, and analyze biological evidence such as fingerprints, blood spatter, and DNA samples. Moreover, they learn to determine the time and cause of death in homicides and analyze ballistic evidence and human remains in a crime scene. Finally, they learn about forensic investigative methods related to arson, computer crimes, financial crimes, frauds, and forgeries.

Principles of Government and Public Administration A/B

Principles of Government and Public Administration is a two-semester course designed to promote understanding of the foundations and functions of government and public administration in the United States. Students will examine the history and development of the US Constitution, citizens' rights and responsibilities, and the role of public policy on various groups in the US and abroad. The course places a particular focus on the application of geography, science, and technology to governmental functions. In unit activities, students will analyze the influence of public policy and interpret governmental concepts at the local, state, and federal levels. Students will also appraise career pathways and the professional and ethical skills required for success in the government and public administration field.

There are no required materials for this course.

Principles of Law, Public Safety, Corrections, and Security A/B

Principles of Law, Public Safety, Corrections, and Security is a two-semester course designed to promote understanding of the criminal justice system, law enforcement, and public safety in the United States. Students will examine the



evolution of criminal law, court procedures, the roles of law enforcement and security agencies, and the work of firefighters and emergency responders. The course places a particular focus on Constitutional law, citizens' rights, and the ethical and legal responsibilities of professionals in the field. In unit activities, students will analyze careers in law, corrections, and public safety and assess the safe and ethical use of technology. Students will also develop communication and job acquisition skills and explore career advancement opportunities in the field. There are no required materials for this course.

Supply Chain and Transportation

Florida Introduction to Transportation, Distribution, and Logistics A/B

Florida Introduction to Transportation, Distribution, and Logistics is a two-semester course designed to promote understanding of the transportation, distribution, and logistics industry and the careers available within it. Students will examine the history of the TDL industry, modes of transportation, the role of TDL in world trade, and warehousing and storage operations. The course places a particular focus on workplace safety, leadership, and the impact of technology on the industry. In unit activities, students will apply occupational safety guidelines and evaluate communication and teamwork strategies essential for success in the field. Students will also appraise the education and training required for careers in the TDL industry and explore pathways for professional growth and advancement. There are no required materials for this course.

Principles of Transportation, Distribution, and Logistics A/B

Principles of Transportation, Distribution, and Logistics is a two-semester course designed to promote understanding of the transportation, distribution, and logistics industry and the careers available within it. Students will examine the history of the TDL industry, modes of transportation, the role of TDL in world trade, and warehousing and storage operations. The course places a particular focus on workplace safety, leadership, and the impact of technology on the industry. In unit activities, students will apply occupational safety guidelines and evaluate communication and teamwork strategies essential for success in the field. Students will also appraise the education and training required for careers in the TDL industry and explore pathways for professional growth and advancement. There are no required materials for this course.

College & Career Readiness

ACT® English

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on. ACT® is a registered trademark of ACT, Inc.

ACT® Mathematics

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on. ACT® is a registered trademark of ACT, Inc.

ACT® Reading

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on. ACT® is a registered trademark of ACT, Inc.

ACT® Science Reasoning

The ACT assesses high school students' general educational development and their ability to complete college-level work. Our course prepares students to take the test by learning the content ideas they will be tested on. ACT® is a registered trademark of ACT, Inc.

**ACT® WORKKEYS**

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

ACT WorkKeys - Applied Mathematics - Levelled

ACT WorkKeys - Graphic Literacy

ACT WorkKeys - Workplace Documents

ACT and WORKKEYS are registered trademarks of ACT, Inc.

ASVAB Mathematics

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

ASVAB Technology & General Science, Part 1

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

ASVAB Technology & General Science, Part 2

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

ASVAB Word Knowledge & Paragraph Comprehension

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

Accuplacer® Mathematics

ACCUPLACER tests provide information about academic skills and, in conjunction with a student's academic background, are used by advisors to provide guidance on course selection. ACCUPLACER® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

Accuplacer® Reading

ACCUPLACER tests provide information about academic skills and, in conjunction with a student's academic background, are used by advisors to provide guidance on course selection. ACCUPLACER® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

Accuplacer® Writing

ACCUPLACER tests provide information about academic skills and, in conjunction with a student's academic background, are used by advisors to provide guidance on course selection. ACCUPLACER® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

HiSET® Preparation - Language Arts - Reading Part 1

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Language Arts - Reading Part 2

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Language Arts - Writing Part 1



The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Language Arts - Writing Part 2

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Mathematics Part 1

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Mathematics Part 2

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Science Part 1

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Science Part 2

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Social Studies Part 1

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

HiSET® Preparation - Social Studies Part 2

The HiSET exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. HiSET® is a registered trademark of the Educational Testing Service (ETS). This product is not endorsed or approved by ETS.

Preparation for the GED® Test - Math

The GED exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE) and administered exclusively by GED Testing Service, LLC under license.

Preparation for the GED® Test - Reading Language Arts (RLA)

The GED exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE) and administered exclusively by GED Testing Service, LLC under license.

Preparation for the GED® Test - Science

The GED exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE)



and administered exclusively by GED Testing Service, LLC under license.

Preparation for the GED® Test - Social Studies

The GED® exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications. GED® is a registered trademark of the American Council on Education (ACE) and administered exclusively by GED Testing Service, LLC under license.

SAT® Mathematics

The SAT assesses academic readiness for college. It keeps pace with what colleges are looking for today, measuring the skills required for success in the 21st century. Our course prepares students to take the test by learning the content ideas they will be tested on. SAT® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

SAT® Reading

The SAT assesses academic readiness for college. It keeps pace with what colleges are looking for today, measuring the skills required for success in the 21st century. Our course prepares students to take the test by learning the content ideas they will be tested on. SAT® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

SAT® Writing and Language

The SAT assesses academic readiness for college. It keeps pace with what colleges are looking for today, measuring the skills required for success in the 21st century. Our course prepares students to take the test by learning the content ideas they will be tested on. SAT® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

TABE® Language Level A

This course is aligned to the TABE exam objectives. The TABE – Language Level A course covers three units of content: Unit 1 – Language Structure and Mechanics, Unit 2 – Writing Strategies, and Unit 3 – Writing for the Workplace.

TABE® Language Level D

This course is aligned to the TABE exam objectives. The TABE – Language Level D course covers three units of content: Unit 1 – Language Structure and Mechanics, Unit 2 – Writing Strategies, and Unit 3 – Writing for the Workplace.

TABE® Language Level E

This course is aligned to the TABE exam objectives. The TABE – Language Level E course covers two units of content: Unit 1 – Language Structure and Mechanics and Unit 2 – Writing Strategies.

TABE® Language Level L

This course is aligned to the TABE exam objectives. The TABE – Language Level L course covers two units of content: Unit 1 – Language Structure and Mechanics and Unit 2 – Writing Strategies.

TABE® Language Level M

This course is aligned to the TABE exam objectives. The TABE – Language Level M course covers three units of content: Unit 1 – Language Structure and Mechanics, Unit 2 – Writing Strategies, and Unit 3 – Writing for the Workplace.

TABE® Mathematics Level A, Part 1

This course is aligned to the TABE exam objectives. The TABE – Math Level A, Part 1 course covers three units of content: Unit 1 – Intermediate Computation with Decimals, Fractions, and Percents, Unit 2 – Geometry and Measurement, and Unit 3 – Algebraic Concepts.

TABE® Mathematics Level A, Part 2

This course is aligned to the TABE exam objectives. The TABE – Math Level A, Part 2 course covers two units of content: Unit 1 – Advanced Algebraic Concepts and Unit 2 – Data Analysis, Probability, and Trigonometry.



TABE® Mathematics Level D

This course is aligned to the TABE exam objectives. The TABE – Math Level D course covers four units of content: Unit 1 – Number Concepts, Decimals, Fractions, and Percents, Unit 2 – Geometry and Measurement, Unit 3 – Data Analysis, Probability, and Trigonometry, and Unit 4 – Algebraic Concepts.

TABE® Mathematics Level E

This course is aligned to the TABE exam objectives. The TABE – Math Level E course covers four units of content: Unit 1 – Number Concepts and Computation, Unit 2 – Computation with Decimals, Fractions, and Percents, Unit 3 – Geometry and Measurement, and Unit 4 – Data Analysis and Problem Solving.

TABE® Mathematics Level L

This course is aligned to the TABE exam objectives. The TABE – Math Level L course covers two units of content: Unit 1 – Number Concepts and Unit 2 – Computation and Measurement.

TABE® Mathematics Level M

This course is aligned to the TABE exam objectives. The TABE – Math Level M course covers five units of content: Unit 1 – Number Concepts Unit 2 – Computation, Unit 3 – Intermediate Computation with Decimals, Fractions, and Percents, Unit 4 – Geometry and Measurement, and Unit 5 – Data Analysis and Problem Solving.

TABE® Reading Level A

This course is aligned to the TABE exam objectives. The TABE – Reading Level A course covers two units of content: Unit 1 – Reading Skills and Strategies and Unit 2 – Reading for Information.

TABE® Reading Level D

This course is aligned to the TABE exam objectives. The TABE – Reading Level D course covers four units of content: Unit 1 – Reading Skills and Strategies, Unit 2 – Vocabulary and Reading Comprehension, Part 1, Unit 3 - Vocabulary and Reading Comprehension, Part 2, and Unit 4 – Reading for Information.

TABE® Reading Level E

This course is aligned to the TABE exam objectives. The TABE – Reading Level E course covers three units of content: Unit 1 – Reading Skills and Strategies, Unit 2 – Vocabulary and Reading Comprehension, Part 1, and Unit 3 - Vocabulary and Reading Comprehension, Part 2.

TABE® Reading Level L

This course is aligned to the TABE exam objectives. The TABE – Math Level L course covers two units of content: Unit 1 – Number Concepts and Unit 2 – Computation and Measurement.

TABE® Reading Level M

This course is aligned to the TABE exam objectives. The TABE – Reading Level M course covers four units of content: Unit 1 – Reading Skills and Strategies, Unit 2 – Vocabulary and Reading Comprehension, Part 1, Unit 3 - Vocabulary and Reading Comprehension, Part 2, and Unit 4 – Reading for Information.

TASC Preparation - Language-Arts Reading Part 1

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Language-Arts Reading Part 2

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Language-Arts Writing Part 1

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

**TASC Preparation - Language-Arts Writing Part 2**

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Mathematics Part 1

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Mathematics Part 2

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Science Part 1

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Science Part 2

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Social Studies Part 1

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TASC Preparation - Social Studies Part 2

The TASC™ exam measures the skills and knowledge similar to a high school course of study and allows learners to receive their high school equivalency certifications.

TEAS - Test of Essential Academic Skills: English

This course is aligned to the TEAS exam objectives. The TEAS English course covers four units of content: Unit 1 – Punctuation, Capitalization and Grammar, Unit 2 – Sentence Structure, Unit 3 – Contextual Words, and Unit 4 – Spelling.

TEAS - Test of Essential Academic Skills: Math

This course is aligned to the TEAS exam objectives. The TEAS Math course covers eight units of content: Unit 1 – Whole Numbers, Unit 2 – Metric Conversion, Unit 3 – Fractions and Decimals, Unit 4 – Algebraic Equations, Unit 5 – Percentages, Unit 6 – Ratio and Proportion, Unit 7 – Basic Geometry, and Unit 8 – Diagrams and Graphs.

TEAS - Test of Essential Academic Skills: Reading

This course is aligned to the TEAS exam objectives. The TEAS Reading course covers three units of content: Unit 1 – Paragraph Comprehension, Unit 2 – Passage Comprehension, and Unit 3 – Inferences/Conclusions.

TEAS - Test of Essential Academic Skills: Science

This course is aligned to the TEAS exam objectives. The TEAS Science course covers seven units of content: Unit 1 – General Science and Scientific Reasoning, Unit 2 – Biology, Unit 3 – Anatomy and Physiology, Unit 4 – Chemistry, Unit 5 – Physics – Part I, Unit 6 – Physics – Part II, and Unit 7 – Earth and Space Science.

English Language Acquisition

ELL Foundations: Level 1

ELL Foundations: Level 1 provides 32 interactive lessons based on beginning-level multicultural readings that reflect the diverse backgrounds of English language learners. Readings include fiction, poetry, informational texts, and culturally informed myths. Educators are supported with built-in reporting, grading, and standards-alignment capabilities. They will also have access to complete lesson plans designed to maximize learning. The course is composed of online student



tutorials with beginning-level readings, vocabulary and comprehension activities for on- or offline assignments, and mastery tests to gauge student comprehension and progress. Students and teachers will also enjoy the familiar structure and user experience of Edmentum Courseware.

ELL Foundations: Newcomer

ELL Foundations: Newcomer provides 23 vocabulary-focused, interactive lessons based on clear representation and developmentally appropriate art of entry-level vocabulary for school success. Educators are supported with built-in reporting, grading, and standards-alignment capabilities. They will also have access to complete lesson plans designed to maximize learning. The course is composed of online student tutorials with beginning-level readings, vocabulary and comprehension activities for on- or offline assignments, and mastery tests to gauge student comprehension and progress. Students and teachers will also enjoy the familiar structure and user experience of Edmentum Courseware.