Vision and Mission

RIHLA

At Rihla, we understand that every child's education is unique. That's why we offer flexible, innovative and digital learning solutions that cater to your family's needs.

2024-2025

Parent/ Student Handbook

High School Course Description

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About Our Self-Paced Program:

In Curriculum Support programs, parents utilize Rihla's digital curriculum while arranging for instruction at home for each of the subjects.

Students have access to our core curriculum (English, Math, Science, Social Studies) along with a list of free electives they can enroll in. Students receive digital books and online resources which help teach and explain the concepts.

Features included in the Program:

- Access to up to 6 self-paced academic courses (English, Maths, Science, Social Studies, 2 electives of your choice)

- Parent Portal access to monitor students activities. Support staff for technical issues: courses@rihla.education

- Pacing of the curriculum is set and adjusted by Rihla Education

- Opportunity to join Bayaan's live clubs and take part in on-site activities organized by the Bayaan

This Program does not include:

- Live Academic classes with qualified teachers

- Official Report Card issued by the Academy

- Online classroom environment with students of their age

- High School Diploma

Edmentum as an LMS + FAQs

This is the portal used to provide the curriculum for our secular subjects for Middle and High School. We found it to be rigorous, structured, and engaging for our online learners.

Edmentum Learning, Inc. is a privately held provider of digital curriculum accredited by AdvancED.

How to Access Edmentum:

1. On Edmentum login page >> Click on google icon to sign in directly with your email address : https://auth.edmentum.com/elf/login

2. Your courses should show up on the Edmentum dashboard.

Parent Portal:

Edmentum Sensei is the parental portal that allows you to stay connected to your child's education. You can view his or her current assignments, due dates, progress through assignments, grades, and the amount of time he or she is spending on the course.

How can I get started using Edmentum Sensei?

All parents have been sent the invite code. You must accept it in order to be able to access it. If you need us to resend the code, please contact courses@rihla.education

How do I log in to Edmentum Sensei for Families?

The login page can be accessed at https://auth.edmentum.com/family/login
Your email address and password are required to log in to Edmentum Sensei for Families. If you haven't received the invite code , make sure to check your spam

Should I attempt all activities in my unit?

You will find different types of activities in your units which include: mastery tests, pretests, post tests,discussions, end of semester tests. You are exempted from doing all teacher-scored activities. So you are only required to do the mastery tests, pretests, post tests, and end of semester tests. All other activities are marked as excluded in the gradebook.

My unit is locked after a quiz, what do I do?

This happens when you've exhausted your allotted number of quiz attempts without attaining the minimum pass percentage. In this case,
you can reach out to our CS In-charge, self-paced team, to unlock your quiz. Email: courses@rihla.education

How many times can I attempt a quiz?

You can attempt a quiz up to Three times to attain the minimum percentage.

Courseware Instructions:

There are three basic activities you need to know: Pre-Test, Tutorials, and Mastery Tests.

Tutorials:

The tutorial includes the lesson you will study and also some practice.

Activities include videos, animations, interactive activities, graphics, and sometimes audio (sound).

Your instructor/s can see all the work you've done in the Tutorial. Sometimes there is an Application after the Tutorial.

The Application is optional. It will give you more practice in that area of study.

Pre-Tests:

There is a Pre-Test at the beginning of some units. This Pre-Test is optional and you can start and stop the test at any time. Edmentum will save your work. If you choose to do the Pre-Test, you will earn a star with an "e" for every topic that you pass. The "e" mean "exempt." The bar at the top of the box will also turn green. When you see the star and the green bar, it means you do not have to do that tutorial/lesson because you already know the materials.

Mastery Tests:

After you do the tutorial, you can take the Mastery Test. The Mastery Test is usually 5-10 questions. Try to get 80% correct. A gold star will appear in front of each test after mastery is achieved.

Mastery Test Lock / Unlock:

It is important to know that the Mastery Test will LOCK after you close it. If you do not pass the test the first time, you can UNLOCK it by doing the Tutorial again.
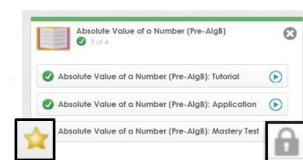
Color Progress System

Edmentum's color system is a quick way to check your progress and categorize your work. When you click on your course, you will see this progress bar:

BLUE = In Progress

GREEN = Completed or Mastered (you passed it on the Pre-Test or the Mastery Test)

ORANGE = Completed Not Mastered (you completed the tutorial but didn't pass the Mastery Test)

GRAY = Not Started

Electives:

- You can choose up to 2 electives per semester from the list of elective choices given.(the first window will open in the beginning of October)

- To modify your elective choices and register for additional electives, you can reach out to courses@rihla.education

- Once both electives are completed, students can enroll in 2 more electives during the academic year if time permits.

High School Core Courses

Math

AP® Calculus

AP Calculus covers functions, limits, derivatives, and integration. Students explore differentiation, antidifferentiation, inverse functions, and techniques of integration, grounding their studies in real-world scenarios and STEM applications. This course prepares students for the AP® exam and further STEM studies.

AP® Statistics

AP Statistics involves collecting, analyzing, graphing, and interpreting real-world data. Students learn to design and analyze research studies and validate poll or study results. The

course covers statistical methods and prepares students for the AP® exam and further studies in various fields.

Accelerate to Algebra 1

This course prepares students for Algebra 1 by reviewing essential skills and concepts. Students learn algebraic techniques, explore statistics and probability, and apply relationships to solve problems, ensuring a strong foundation for Algebra 1.

Accelerate to Algebra 2

Designed to prepare students for Algebra 2, this course reviews essential skills and concepts. Students apply algebraic techniques, explore statistics and probability, and solve problems, providing a solid foundation for Algebra 2.

Accelerate to Geometry

This course prepares students for Geometry by reviewing essential skills and concepts. Students apply algebraic techniques, explore probability, and revisit geometric relationships, ensuring readiness for Geometry.

Algebra 1

Algebra 1 is fully aligned to the National Standards for Mathematics, offering focused lessons on equations, functions, statistics, and more. It includes interactive lessons, practice questions, and support materials like worksheets and guided notes to ensure student mastery.

Algebra 2

Algebra 2 is redesigned for alignment with the National Standards for Mathematics. It offers concise lessons on quadratic equations, polynomials, exponential functions, and more, with interactive content and practice questions to enhance student understanding.

Consumer Mathematics

This course teaches practical math applications, including wages, taxes, money management, and interest. Projects promote cross-curricular learning and higher-order thinking, helping students apply mathematical operations to real-life scenarios.

Financial Mathematics

Financial Algebra connects algebraic thinking to financial applications like investing, credit, taxes, and insurance. Students learn linear, exponential, and quadratic relationships in financial contexts, preparing them for real-life financial decisions.

Fundamental Math

Fundamental Math covers basic concepts like whole numbers, addition, subtraction, multiplication, division, fractions, decimals, geometry, and problem-solving. It builds a strong foundation for advanced math, aligned with NCTM and state standards.

Geometry

Geometry focuses on the National Standards for Mathematics, offering concise lessons on geometric relationships, proofs, trigonometry, and more. Interactive lessons and practice questions support student mastery and engagement.

Introductory Algebra

Introductory Algebra covers foundational concepts like integers, equations, fractions, exponents, and linear equations. It prepares students for Algebra I through scaffolded instruction, practice, and assessments, aligned with state standards.

Math Foundations 1

Math Foundations 1 provides remediation for 3rd- to 5th-grade skills, covering number concepts, operations, fractions, decimals, geometry, and problem-solving. It includes interactive instruction and assessments, aligned with NCTM standards.

Math Foundations 2

Math Foundations 2 remediates 6th- to 8th-grade skills, covering algebraic concepts, ratios, proportions, geometry, and data analysis. It includes interactive instruction and assessments, aligned with NCTM standards, preparing students for high school math.

Mathematics 1

Mathematics I aligns with the Common Core integrated pathway, covering linear and exponential relationships, equations, descriptive statistics, and geometric concepts. Interactive lessons and practice questions enhance student engagement and understanding.

Mathematics 2

Mathematics II aligns with the Common Core integrated pathway, covering quadratic functions, probability, trigonometry, and circles. The course includes interactive lessons, practice questions, and scaffolded support to build foundational skills.

Mathematics 3

Mathematics III aligns with the Common Core integrated pathway, covering advanced functions, trigonometry, and statistics. Interactive lessons, practice questions, and scaffolded support help students deepen their understanding and prepare for advanced math.

Mathematics of Personal Finance

This course covers financial literacy topics like income, taxes, credit, loans, and investments. Students apply algebra and geometry to real-world financial situations, preparing them for financial decision-making and planning.

Precalculus

Precalculus builds on algebraic concepts and introduces trigonometric functions, polar coordinates, and limits. Students learn to manipulate functions, analyze graphs, and apply trigonometric identities, preparing them for calculus.

Probability & Statistics

This course covers data representation, probability, and statistical analysis. Students learn to interpret data, apply probability concepts, and make decisions based on statistical inferences, preparing them for further studies in various fields.

English Language Arts

AP® English Language and Composition

AP® English Language and Composition explores rhetoric through fiction and nonfiction texts. Students analyze language, purpose, and audience, developing analytical and writing skills. The course prepares students for the AP® exam and further studies in communication and literature.

AP® English Literature and Composition

AP® English Literature and Composition focuses on literary analysis of fiction, poetry, and drama. Students engage in close reading, interpretation, and writing activities, preparing for the AP® exam and further literary studies.

Accelerate to English 09

This course prepares students for English 09 by developing reading and writing skills. Students analyze literary devices, structure, and language in texts, practicing close reading and written analysis to build a strong foundation for English 09.

Accelerate to English 10

Designed to prepare students for English 10, this course focuses on reading and writing skills. Students analyze literary devices, persuasive techniques, and structure, practicing close reading and written analysis to build a foundation for English 10.

Accelerate to English 11

This course prepares students for English 11 by developing reading and writing skills. Students analyze literary and informational texts, examining structures, elements, and techniques, and practicing close reading and written analysis.

Accelerate to English 12

This course prepares students for English 12 by developing reading and writing skills. Students analyze literary devices, structure, and language in texts, composing brief analyses to understand historical and cultural perspectives.

Business English

Business English focuses on workplace communication skills. Students learn to write business messages, emails, and documents, explore digital media's role in communication, and develop professionalism and ethics. The course includes job search and application guidance.

English 09

English 09 aligns with Common Core standards, emphasizing thematic connections. Students engage with diverse texts, practicing close reading, modeling, and analytical writing. The course includes guided notes, graphic organizers, and scaffolded lessons to support mastery.

English 10

English 10 aligns with Common Core standards, offering concise lessons on reading and writing. Students analyze texts, engage in research, and practice writing across genres. The course includes guided notes, worksheets, and interactive lessons for student mastery.

English 11

English 11A explores American literature and history from the colonial period to realism, while English 11B covers the modernist period to contemporary era. Lessons develop grammar, vocabulary, speech, and writing skills, engaging students with pre-reading and activities.

English 12

English 12 emphasizes literature in historical context, starting with Anglo-Saxon and medieval Britain. Lessons include tutorials and engaging activities. Semester B covers the Romantic, Victorian, and modern eras. End-of-unit tests ensure mastery, while pretests focus on new content.

English Foundations I

This course supports literacy development between decoding and comprehension. Intensive reading and writing skills, feedback, and strategy tips improve comprehension. Semester A focuses on reading and vocabulary, while Semester B covers writing, academic tools, and study skills. Visual cues and metacognitive support bolster confidence. Practice assessments

help students progress from 3rd- to 5th-grade reading levels. The course aligns with state standards and NCTE/IRA standards.

English Foundations II

English Foundations II builds reading and writing skills. Semester A focuses on comprehension, vocabulary, study skills, and media literacy. Semester B develops composition fundamentals, grammar, style, and media literacy. Interactive instruction and guided practice in reading and writing processes build confidence. The course aligns with state standards and NCTE/IRA standards.

Media Literacy

Media Literacy teaches critical thinking, writing, and reading skills in a media-rich world. Students analyze advertisements, blogs, websites, and social media, exploring their roles as media consumers. Writing activities include blogging and podcast scripting. Students learn to ask critical questions about media messages and study factors affecting credibility. The course aligns with state standards and the National Association for Media Literacy Education's principles.

Science

AP® Biology

AP Biology uses constructivist and direct-instruction approaches, incorporating multimedia-rich resources. Students master abstract concepts and their applications in everyday life and STEM fields. The course prepares students for the AP® exam and further STEM studies.

AP® Chemistry

AP Chemistry includes College Board-recommended lab experiments and inquiry-based lessons. Students practice stoichiometry and advanced chemistry skills. The course prepares students for the AP® exam and further chemistry studies.

AP® Environmental Science

AP Environmental Science covers scientific principles and methodologies to understand natural world interrelationships. Students study geology, biology, chemistry, and geography.

Frequent assessments and hands-on labs reinforce concepts. The course prepares students for the AP® exam and further studies in science or engineering.

Biology

This lab-based course meets NGSS standards for high school biology. Topics include cells, organ systems, heredity, evolution, and ecosystems. Hands-on labs and inquiry-based activities enhance learning.

Biology with Virtual Labs

This course meets NGSS standards with virtual labs and inquiry-based activities. Topics include cells, heredity, evolution, and ecosystems. Virtual labs develop experimental design, data analysis, and interpretation skills.

Chemistry

This lab-based course meets NGSS standards for high school chemistry. Topics include atoms, chemical bonding, reactions, and advanced stoichiometry. Hands-on labs and inquiry-based activities enhance understanding.

Earth Science

Earth Science explores Earth's composition, processes, atmosphere, and environment. Topics include weather, climate, tectonics, and sustainability. Teacher-scored labs and projects encourage scientific inquiry. The course aligns with state standards.

Environmental Science

Environmental Science covers biological, physical, and sociological principles of the biosphere. Topics include ecosystems, natural resources, pollution, and sustainability. Virtual labs and case studies enhance understanding. The course aligns with state standards.

High School Earth & Space Science

This lab-based course meets NGSS standards for Earth and space science. Topics include the universe, Earth's materials, tectonics, and human interactions with Earth's systems. Hands-on labs and inquiry-based activities enhance learning.

Integrated Physics & Chemistry

This course employs direct instruction and inquiry-oriented activities to develop logical reasoning and problem-solving skills. Topics include basic principles of physics and chemistry. Virtual labs use common household items for experiments.

Physical Science

This lab-based course meets NGSS standards for middle school physical science. Topics include matter, chemical reactions, forces, energy, and waves. Hands-on labs and inquiry-based activities enhance understanding.

Physics

Physics covers motion, matter, force, heat, light, and sound. Students learn the history of physics and explore concepts through virtual labs. The course prepares students for introductory college physics.

Science Foundations

Science Foundations develops knowledge and skills for high school science success. The two-semester course covers Earth, physical, and life science concepts, reinforced by reading and math skills. Inquiry and critical thinking activities enhance understanding. The course aligns with state standards.

Social Studies

AP® Macroeconomics

AP Macroeconomics explores economic changes, trends, and performance measures. Students learn about employment rates, government spending, inflation, and production. The course prepares students for the AP® exam and further studies in business, political science, or history.

AP® Microeconomics

AP Microeconomics studies market behavior, scarcity, competition, and government roles. Students learn to identify economic patterns and explain buyer and seller behavior. The

course prepares students for the AP® exam and further studies in business, history, or political science.

AP® Psychology

AP Psychology provides an overview of psychological research, therapies, and human behavior. Students explore development, learning, thinking, and social interactions. The course prepares students for the AP® exam and further studies in psychology or life sciences.

AP® U.S. History

AP U.S. History develops critical thinking through multiple historical perspectives. Units cover early America, the Revolutionary War, the Civil War, and modern themes. Electronic discussions and practice activities enhance learning. The course prepares students for the AP® exam.

AP® US Government and Politics

AP US Government and Politics covers the operations and structure of the US government. Students analyze political data, concepts, and opinions. The course prepares students for the AP® exam and further studies in political science, law, or history.

Contemporary World History

Contemporary World History strengthens knowledge of the modern world. Multimedia tools engage learners in geography, culture, citizenship, democracy, and the US economy. The course promotes global citizenship and community improvement.

Economics

Economics covers basic economic problems like scarcity and resource use, market structures, and international trade. The course focuses on the US economy and analyzes the roles of government and the Federal Reserve System.

Economics and Personal Finance

Economics and Personal Finance covers economic principles and personal finance topics like budgeting, credit, taxes, and investing. Students explore historical and current economic perspectives. The course aligns with state standards and promotes financial literacy.

Ethnic Studies

Ethnic Studies explores the history, culture, and experiences of Indigenous peoples, African Americans, Latin Americans, and Asian Americans in the US. Students examine laws, policies, contributions, and struggles of these groups. The course includes discussions, research, and projects.

Geography and World Cultures

Geography and World Cultures explores geographic features, human relationships, political structures, and cultural development. Students learn to read and create maps, charts, and graphs. The course aligns with state standards and introduces primary document analysis.

High School Civics

National Civics covers the origins, structure, and functions of American government, citizen rights and responsibilities, political parties, and economic principles. Students examine seminal documents, Supreme Court cases, and propose public policies. The course prepares students for the USCIS Naturalization Test.

High School World History

In World History, students explore global events through videos, timelines, and interactive maps. They develop historical thinking skills and study European exploration, the Renaissance, Reformation, world revolutions, WWI, WWII, the Cold War, and modern challenges. The course enhances understanding of how historical events shape the present.

Modern World History from 1450

Students study key events shaping the modern world, such as the expansion of empires, transoceanic exploration, the Enlightenment, industrialization, imperialism, and globalization. Diverse primary and secondary sources provide a comprehensive historical foundation. The course develops research, analytical, and argumentative skills, preparing students to be informed global citizens.

Modern World History from 1600

This course covers major turning points from the Enlightenment to globalization, using diverse sources to provide a solid historical foundation. Students develop research,

analytical, and argumentative skills through critical reading, feedback-rich instruction, and application-oriented assignments. Formative and summative assessments ensure progress and understanding.

Personal Financial Literacy

Personal Financial Literacy introduces key financial principles through engaging, scaffolded lessons. Topics include earning, spending, saving, investing, credit, debt, asset protection, and financial planning. Real-life scenarios and hands-on activities teach students to navigate banking, loans, career planning, education financing, and budgeting. The course aligns with state standards and national financial literacy guidelines.

U.S. Government

U.S. Government focuses on American government foundations, political culture, and the Constitution. Inquiry-based units emphasize information acquisition, mastery, and processing. Students examine Greek and English law roots and various political institutions, preparing them to understand and participate in the U.S. political system.

U.S. History

U.S. History explores significant people and events from pre-colonial times to the present. Students analyze primary and secondary sources, engage in critical thinking activities, and form evidence-based opinions. The course emphasizes the diverse impacts of historical events on different groups and develops historical analysis skills.

US Government and Politics

Students examine the U.S. political system, starting with government roles and democratic philosophies. Critical reading, feedback-rich instruction, and application-oriented assignments develop research, analytical, and argumentative skills. Discussion activities foster engagement with diverse political opinions. Honors students complete an independent research project. The course aligns with state standards.

US History Since the Civil War

This course examines U.S. history from the Civil War to the present, focusing on Reconstruction, industrial growth, and modern world affairs. Students analyze economic and diplomatic interactions, social policy, and changing conditions of minority groups. Honors students complete research projects and analytical exercises.

World Geography

World Geography helps students understand global diversity and interconnectedness. Semester A covers physical world basics and exploration tools. Subsequent units survey each continent's physical characteristics. The course develops students' global perspectives and geographic knowledge.

World History

World History investigates human culture, governments, economies, and social structures from ancient times to today. Students build historical thinking skills through primary sources, case studies, and research. Writing assignments, discussions, and application-oriented tasks develop their ability to connect specific events to larger historical trends. The course aligns with state standards.

World History Survey

World History Survey covers major events from early human societies to the present. Engaging multimedia tools, including custom videos, maps, and timelines, enhance learning. Topics include early civilizations, world religions, the Renaissance, the World Wars, and today's globalized world. The course promotes comprehensive historical understanding.

World Languages

French 1

French 1A introduces students to common communication scenarios such as exchanging names, greetings, and describing people and family members. They start with basic sentence structures and grammar, communicating through listening, speaking, reading, and writing in French. Cultural aspects of French-speaking regions are also explored. In French 1B, students expand their vocabulary and grammar skills, focusing on earning and managing money, urban transportation, weather, food, clothing, art forms, health, and tourism. They continue practicing communication skills and learning about French-speaking regions, building a foundation for further French studies.

French 2

French 2A reintroduces students to the language, covering topics such as describing school-related scenarios, dressing styles, housing, daily routines, and dining etiquette. Communication skills in listening, speaking, reading, and writing are further developed, with cultural insights into French-speaking regions. French 2B delves into professions, career plans, regional flora and fauna, travel, hobbies, medical specialists, and symptoms of illness. Students build on their knowledge from French 2A, enhancing their communication abilities and cultural understanding.

German 1

German 1A introduces students to basic communication situations, including greetings, describing people and family, and social life. Students practice listening, speaking, reading, and writing in German while learning about German-speaking regions. In German 1B, they explore managing money, urban transportation, weather, food, clothing, art, health, and tourism. Vocabulary and grammar skills are expanded, with continued practice in communication and cultural learning.

German 2

German 2A covers common scenarios such as describing classes, friends, housing, daily routines, and dining etiquette. Students build on their skills from German 1B, enhancing communication abilities and cultural knowledge. German 2B focuses on professions, travel, hobbies, medical specialists, and symptoms of illness. Students further develop their listening, speaking, reading, and writing skills, with cultural insights into German-speaking regions.

Spanish 1

Spanish 1A introduces students to basic communication scenarios, including greetings, describing people, family, and social life. They learn to communicate through listening, speaking, reading, and writing in Spanish, while exploring Spanish-speaking regions. Spanish 1B expands on these skills, covering money management, transportation, weather, food, clothing, art, health, and tourism. Students continue practicing communication and learning about Spanish-speaking cultures.

Spanish 2

Spanish 2A reintroduces students to the language with scenarios such as describing school, dressing styles, housing, daily routines, and dining etiquette. They build on Spanish 1B skills, enhancing communication abilities and cultural knowledge. Spanish 2B covers professions, travel, hobbies, medical specialists, and symptoms of illness. Students further develop their listening, speaking, reading, and writing skills, with cultural insights into Spanish-speaking regions.

Spanish 3

Spanish 3A reintroduces students to the language in various scenarios, including daily routines, describing friends and family, art, literature, university life, and social issues. They explore global perspectives through communication practice and cultural studies. Spanish 3B focuses on multiculturalism, cultural traditions, legends, music, literature, geography, historical events, and natural resources. Students continue building their communication skills, deepening their understanding of Spanish-speaking cultures.

High School Electives

Academic Success

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

Art Appreciation

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.

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

This one-semester course is 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, while the included games appeal to a variety of learning styles and keep students engaged.

College and Career Preparation I

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.

College and Career Preparation II

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.

Communication Applications

Communication Applications 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 in Communication Applications include intrapersonal and interpersonal interaction, informal communication and interviewing, and preparing and delivering informal, informational, and persuasive addresses. Students also engage in recognizing bias, elements of ethical communication, conflict resolution, evaluating media messages, group dynamics, and participate in peer review. This course was originally created for Apex Courses.

Creative Writing

Creative Writing 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.

Environmental Science

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.

Holocaust Studies

Holocaust Studies is a one-semester course that describes the tragic mass murder of millions of Jews during the Nazi rule in Germany and its impact on the international community. In this course, students will trace the history of Jews living in Europe and the origins of anti-Semitism. Students will learn about the early life of Adolf Hitler and his rise to power. The course also describes how the Nazis exterminated the Jews and how the Jews resisted. Students will also learn about the liberation of the Jews and the impact of the Holocaust on the non-Jewish community. The course also covers the outcome of postwar trials.

Introduction to Anthropology

Introduction to Anthropology is a one-semester course that introduces students to the field of anthropology. Students will explore the evolution of anthropology as a distinct discipline; learn about anthropological terms, concepts and theories; and discuss the evolution of humans and human society and culture. Students will also learn about social institutions, such as marriage, economy, religion, and polity. The target audience for this course is high school students.

Introduction to Archaeology

Introduction to Archaeology is a one-semester course that introduces students to the work and techniques involved in archaeology, and the career prospects of an archaeologist. This course covers subject areas such as the history of modern archaeology; discoveries in archaeology; careers in archaeology; research techniques; evidence; site excavation; and many more.

Introduction to Philosophy

Introduction to Philosophy provides students an introduction to the field of philosophy and its great, timeless questions. This one-semester course is intended as a practical guide to help students understand the subject matter of philosophy, its main branches, and the major ideas and issues discussed in each branch. Students will explore the origin and evolution of philosophy as a discipline and learn about the times, lives, and intellectual contributions of essential philosophers.

Introduction to Visual Arts

Introduction to Visual Arts is 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.

Personal Communication

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 in Personal Communication 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.

Psychology

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.

Sociology

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.

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.

Health, Fitness & Physical Education

Health

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

Physical Education

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

Career & Technical Education

Finance

Accounting I

Accounting I introduces students to decision-making processes in planning, organizing, and resource allocation using accounting procedures. Focus areas include double-entry accounting, recording business transactions, and preparing financial statements. Students explore accounting careers and engage in project-based activities like analyzing financial statements, managing accounts payable/receivable, and determining payroll expenses and taxes. Active learning emphasizes technical and interpersonal skills necessary for the workplace. The course is a full-year intermediate CTE course aligned with finance or business management and administration career clusters, built to state and national CTE standards. Completion prepares students for certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor.

Accounting II

Building on Accounting I, Accounting II focuses on managerial, financial, and operational accounting activities for management decision-making. Students use equations, graphical representations, accounting tools, and spreadsheet software in real-world scenarios to manage financial resources. Project-based activities include analyzing financial statements, managing accounts payable/receivable, and determining payroll expenses and taxes. The course encourages exploration of accounting careers, emphasizing the necessary technical and interpersonal skills. Accounting II is a

full-year advanced CTE course, aligned with finance or business management and administration career clusters, meeting state and national CTE standards. Completion prepares students for certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor.

Advanced Accounting

Advanced Accounting extends foundational skills in managerial, financial, and operational accounting. The course emphasizes formulating, interpreting, and communicating financial information for management decision-making. Students engage in real-world applications using equations, accounting tools, and spreadsheet software to manage financial resources. Project-based activities include analyzing financial statements, managing accounts payable/receivable, and determining payroll expenses and taxes. The course fosters exploration of accounting careers, focusing on technical and interpersonal skills. This full-year course aligns with Indiana's finance program of study and Perkins V and NLPS requirements, meeting state standards. It satisfies the Concentrator B option in the finance pathway.

Introduction to Finance

Introduction to Finance equips high school students with financial skills for business careers, emphasizing financial literacy. The course covers investment strategies, money management, asset valuation, and personal finance. It introduces students to finance careers and is based on CTE standards to develop essential technical knowledge and skills for the finance industry.

Business Management and Administration

Business Applications

Business Applications prepares students for workplace success by developing awareness of organizational roles and professional communication skills. Students gain proficiency in word processing, email, and presentation software through hands-on activities, creating and critiquing reports, letters, and presentations. The course explores business careers, emphasizing skills applicable to any professional setting. Business Applications is an introductory CTE course for business, management, administration, and IT programs, built to state and national standards. Completion prepares students for the Microsoft® Office Specialist: Microsoft® Office Word certification.

Business Information Management

Business Information Management teaches students to develop information management skills for business careers. Topics include career opportunities, computing technology, internet connectivity, documents, spreadsheets, presentations, databases, web design, and project management. The

course is based on CTE standards to develop technical knowledge and skills for success in business information management.

Human Resources Principles

Human Resources Principles covers HR management functions, including planning, recruitment, training, compensation, and evaluation. Students learn to hire, manage, and fire employees and explore HR's role in organizations. Activities include creating recruiting plans, promoting positive cultures, and analyzing globalization's impact on HR. The course is an intermediate or capstone CTE course in business management and administration, built to state and national standards. Completion prepares students for certifications like Associate Professional in Human Resources™, Certified Administrative Manager, or Certified Associate in Project Management (CAPM)®.

Information Technology Applications

Information Technology Applications introduces students to IT careers, covering digital literacy, hardware, operating systems, networking, internet, web publishing, spreadsheets, and databases. Hands-on activities prepare students for IT field expectations and career exploration. The course is an introductory CTE course for IT and other career clusters, built to state and national standards. Completion prepares students for Microsoft® Office Specialist certifications and IC3 certification.

International Business

International Business covers the fundamentals of global business, transactions, and strategies for going global. Topics include globalization, trade policies, international laws, the International Monetary Fund, foreign exchange, global capital markets, and economic cooperation. Students learn strategic planning, marketing, global sourcing, logistics, HR management, and employability skills. The course emphasizes cultural elements in international business.

Introduction to Business and Technology

Introduction to Business and Technology provides foundational knowledge for business and technology careers. Students learn business principles, communication skills, financial and marketing decision impacts, and required technologies. The course covers business environment essentials, management, and entrepreneurship. Hands-on activities involve word processing, presentations, spreadsheets, operating systems, networking, and the internet. The course is a full-year introductory CTE course for business management, administration, and IT programs, built to state and national standards. Completion prepares students for Microsoft® Office Specialist certifications and IC3 certification.

Legal Environment of Business

Legal Environment of Business explores the impact of law on business ownership and management, focusing on legal ethics, court procedures, torts, contracts, consumer law, property law, employment

law, environmental law, and international law. Students prepare legal documents, create compliance plans, and research consumer protection. The course is an intermediate or capstone CTE course in business management and administration, built to state and national standards. Completion prepares students for certifications like Accredited Legal Professional, Certified Administrative Manager, or Certified Associate in Project Management®.

Management Fundamentals

Management Fundamentals covers managing activities and personnel in business, including HR, training, development, legalities, contracts, government relations, and ethical relationships. The course prepares students for business administration challenges, meeting Indiana's Perkins V and NLPS requirements and state standards. It serves as the Concentrator A option in business management and administration programs.

Principles of Business Management

Principles of Business Management prepares students for starting and managing a business, focusing on management systems, finance, marketing, and ethical operations. The course aligns with Indiana's finance and business administration programs, meeting Perkins V and NLPS requirements and state standards. Completion prepares students for the Concentrator A options in finance or business administration pathways.

Principles of Business, Marketing, and Finance

Principles of Business, Marketing, and Finance guides students in skills for business, marketing, and finance careers. Topics include business management, sales, marketing, international business, business law, ethics, safety, and resource management. The course applies essential business principles to practical, real-life scenarios.

Professional Communications

Professional Communications develops communication skills for professional success. Students learn the communication process, protocol, appropriate language, diversity strategies, and key skills in reading, writing, speaking, and listening. Topics include business communication and technology. The course is based on CTE standards for preparing students for communication in various professions.

Information 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+ 220-1002 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 (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)

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)

CompTIA Security+ Certification (SY0-601) 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 1

Computing for College and Careers 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.

Computer Science Essentials

Computer Science Essentials offers a focused curriculum designed around foundational computer science concepts, including computer systems, programming, networks, and data management. The course also introduces students to foundational computer science skills such as coding, troubleshooting, and being a responsible digital citizen.

Course topics include the history and impact of computers; careers in computer science; computing laws and ethics; bias and equity issues in computing; algorithms and coding; data storage, organization, and analysis; hardware and software; robotics; networks and the internet; cybersecurity and online safety; website design; and the use of abstraction in computing. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment.

A variety of activities encourage students to explore different aspects of computer science. Lab activities guide students through coding their own programs. Project and explore activities reinforce critical thinking, research, writing, and communication skills. In addition, project activities guide students through the development of different types of computer artifacts. In discussion activities, students conduct research on current computing topics and then exchange ideas with their peers. Practice activities provide additional opportunities for students to apply learned concepts and practice their writing, reasoning, and computer literacy skills. This course is built to state standards.

Introduction to Cybersecurity

Introduction to Cybersecurity 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

Networking Fundamentals

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

The Principles of Information Technology course 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

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.

Human Services

Child Development and Parenting

Child Development and Parenting is 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.

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 include 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.

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.

Personal Financial Literacy

Personal Financial Literacy offers an engaging, scaffolded curriculum that introduces key topics and principles necessary to financial literacy. The one-semester 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. As a social studies course, Financial Literacy is designed to complement courses in Economics and Mathematics for Personal Finance.
This course is built to state standards and further informed by standards from the Council for Economic
Education's National Standards for Financial Literacy and the Jump$tart Coalition for Personal Financial Literacy's National Standards in K-12 Personal Finance Education.This course was originally created for Apex Courses.

Principles of Human Services

The Principles of Human Services course is designed to enable students at the high school level to develop the critical skills and knowledge necessary in the human services industry in careers such as childcare, family services, and personal care services. Students will learn about various personal characteristics that they need to demonstrate in the workplace, such as integrity, and positive work ethics. This course covers topics such as employability skills, counseling and mental health services,

and consumer services. The course is based on Career Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in the human services field.

Relationships and Emotions

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.

Health Science

Allied Health Careers

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

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

Applied Medical Terminology helps students understand the structure and meaning of medical terms and identify medical terminology associated with various body systems. As the health care industry becomes more complex, developing expertise in accurately and efficiently identifying medical terms and their specific application is essential to a growing variety of health care careers. This course begins to prepare your students for those careers.

Certified Nurse Aide

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.

Exercise Science

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.

Health Information Management

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

Health Science 1 is based on Career and Technical Education (CTE) standards to help students develop technical knowledge and skills needed for success in careers in the health science industry. The course will engage students to understand the basic structure and function of the human body, biomolecules such as proteins, carbohydrates, and lipids, and biological and chemical processes. Students will also learn to identify and analyze diseases and medical procedures related to each body system, while developing an understanding of medical terminology.

Health Science 2

Health Science 2 is designed to enable students to learn the basics of health science. In the course, students will develop an understanding of the academic qualifications, personal skills, training, and use of healthcare tools required to work in the healthcare industry. The course is based on Career and Technical Education (CTE) standards to help students develop technical knowledge and skills needed for success in the healthcare industry.

Medical Coding and Billing

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

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.

Principles of Health Science

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.

Rehabilitation Careers

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.

Hospitality and Tourism

Culinary Arts

Culinary Arts is intended to help students gain an understanding of the history and development of the culinary arts as well as practical skills for careers in the culinary industry. This course covers the basics of nutrition, health, safety, and sanitation and the basic science principles used in cooking. Students will be exposed to the culinary skills required to make a variety of food items. Additionally, students will become familiar with menu planning, food presentation, different service styles, and kitchen management skills. This course is based on Career and Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in the culinary industry.

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

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.

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.

Principles of Hospitality and Tourism

The hospitality and tourism industry offers a dynamic career path that will pique the interest of many of your students. This course emphasizes learning the practical aspects of the industry and promotes the development of critical-thinking skills required in real-world situations. The 14-lesson course will introduce your students to the basics of hospitality and tourism, and will help them evaluate their skills and prepare for a career in this growing and exciting industry.

Sports and Entertainment Marketing

Sports Entertainment and Marketing is a one-semester course is intended to help students gain an insight into the field of sports, entertainment, and recreation marketing. This course covers fundamental concepts in sports, entertainment, and recreation marketing. It also covers essential skills related to advertising, sponsorship, and marketing campaigns. In addition, the course covers crucial workplace skills, such as teamwork and leadership skills.

General

Career Explorations

Career Explorations is 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.

Computing for College and Careers

Computing for College and Careers 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.

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.

Agriculture, Food, and Natural Resources

Forestry and Wildlife Management

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

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.

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.

Natural Resources

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.

Principles of Agriculture, Food, and Natural Resources

In the Principles of Agriculture, Food, and Natural Resources course, students will learn about various career options in the agriculture, food, and natural resources industries. They will learn about technology, safety, and regulatory issues in agricultural science. They will also learn about topics related to agriculture, such as international agriculture and world trade, sustainability, environmental management, research, development, and future trends in the industry. The course helps students understand how the rising demand for sustainable food sources can be met while also meeting the challenge of producing higher yields to feed a growing world.

STEM

Biotechnology

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.

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.

Game Development

Game Development 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 Astronomy

Introduction to Astronomy is a one-semester course that is designed to enable students to learn the basics of astronomy. The course begins with coverage of the history of astronomy from ancient times to modern times. Student then learn to identify the movements of the Sun, Moon, planets, and stars across the sky and to describe the formation of the solar system and the role of the Sun and Moon in the solar system. The course goes on to cover the causes of seasons on Earth and why Earth can sustain life. The course culminates in a study of the stars, galaxies, and the Milky Way, various theories of cosmology, and advantages and disadvantages of space exploration. The target audience for this course is high school students.

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.

Principles of Engineering and Technology

The Principles of Engineering and Technology course 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. Additionally, the course covers communication skills and team and resource management.

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.

Robotics I

This 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, magnetics, 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, while the included games appeal to a variety of learning styles and keep students engaged.

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.

Web Technologies

The Web Technologies course provides student 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.

Transportation, Distribution, and Logistics

Principles of Transportation, Distribution, and Logistics

Principles of Transportation, Distribution, and Logistics will introduce your students to an industry that delivers what people want, when and how they want it. The TDL industry is essential to creating global economic growth through increasingly more efficient delivery of goods and services. This course will help to develop both the quantitative and qualitative skills and knowledge required for students to prepare themselves for a successful TDL career. The course also addresses the relevant logistical and geopolitical issues that impact global trade.

Government and Public Administration

Principles of Government and Public Administration

Principles of Government and Public Administration is designed to enable students at the high school level to explore career opportunities in the field of government and public administration and the career-related skills they need to possess as professionals in this field. Students will learn about the history and development of the US Constitution, the functions of government and public administration in the United States and working conditions necessary for safety in the field of government and public administration. This course covers topics such as: the influence of geography and technology, and networking and communication as they relate to government and public administration. The course is based on Career and Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in government and public administration industry.

Arts, A/V, Technology, and Communications

Audio/Video Production 1

Audio/Video Production 1 is designed to enable students to learn the basics of audio/video production. The course will help students develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities, video production

(including using advanced techniques), and careers and ethics in audio/video production. The course is based on Career and Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the audio/video production industry.

Audio/Video Production 2

Audio/Video Production 2 is designed to enable students to develop the knowledge and skills related to audio/video techniques that they can use in their careers. This course covers the elements of audio/video production, preproduction activities, production activities, postproduction activities, media production techniques, media formats and distribution, and media ethics and critique. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the audio/video production industry.

Audio/Video Production 3

Audio/Video Production 3 is designed to enable students to understand basic concepts in audio/video manufacturing. Students will learn about preproduction techniques, advanced production techniques, advanced post-production techniques, mastering production techniques, special effects and animation, and audio/video careers and production laws. The course is based on Career Technical Education (CTE) standards designed to help students prepare for entry into a wide range of careers in audio/video production.

Digital and Interactive Media

Digital and Interactive Media is a comprehensive introduction to careers in the rapidly expanding world of digital art. The course covers creative and practical aspects of digital art as well as careers, training, and emerging technologies in digital media. Students will learn concepts involved in digital media, such as graphic design, principles of design, digital printing, digital communication systems, and digital publishing. This course explores various career options and students will create a digital portfolio.

Graphic Design and Illustration

The Graphic Design and Illustration course allows students to develop an understanding of the industry with a focus on topics such as history of graphic design, types of digital images, graphic design tools, storing and manipulating images, design elements and principles, copyright laws, and printing images. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in careers in the graphic design industry.

Introduction to Fashion Design

Introduction to Fashion Design 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.

Principles of Arts, Audio/Video Technology, and Communications

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

Professional Photography

Few recent technical innovations have changed an industry as fundamentally as digital photography has changed everything about the way we capture our lives in the way we take, edit, store, and share pictures. Professional Photography provides a practical, hands-on guide to help students understand the skills required to achieve success in photography careers. This course will cover various topics, such as types of photography, using digital cameras, photographic lighting and composition, manipulating images, printing photos, darkroom development, evaluating photographs, and print production. By the end of the courses, students will learn how to create a photography portfolio.

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.

Education and Training

Principles of Education and Training

Principles of Education and Training is designed to enable students at the high school level to learn the basics of education and training. Students will learn about various trends and factors that

influence the education industry. This course introduces various career opportunities in the field of education. The course topics include personal and professional skills needed in various education careers, child growth and development, child health, delivering instruction, and technology in education. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the education industry.

Architecture and Construction

Drafting and Design

Drafting and Design gives students a comprehensive look at the fundamental concepts of drafting and design. In this course, students will explore types of drafting tools, drafting conventions, sketching and drawing techniques, types of views and projections, computer-aided design and drafting (CADD) operations, and the development of a prototype. This course features skill-embedded content that connects student learning to real life experiences. Additionally, students will develop key professional and personal skills that are helpful in having a successful career in the field of drafting and design.

Principles of Architecture and Construction

In the Principles of Architecture and Construction course, students will learn about various career options in the field. The course covers foundational concepts of architecture and construction such as architectural drawings, structure and loads, materials, and equipment used in architecture and construction. Students then learn the key concepts of urban design and its relationship with city government and about construction documents and standards. The course also covers workplace skills and ethics and basic computing skills.

Marketing

Entrepreneurship

Entrepreneurship is a course that is based on Career Technical Education (CTE) standards designed to help students understand the roles and attributes of an entrepreneur, marketing and its components, selling process, and operations management. In this course, students will explore entrepreneurship and the economy, marketing fundamentals, managing customers, production and operations management, money, and business law and taxation.

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.

Marketing, Advertising, and Sales

Issues in marketing, advertising, and sales promotion are evolving rapidly in an increasingly digital environment. The Marketing, Advertising, and Sales course effectively helps your students prepare for a career in that environment through a comprehensive look at essential marketing principles, interactive tools and channels, and the growing impact of data in marketing and advertising. This course provides an overview of all the fundamental topics necessary to effectively put your students on a career path that unleashes their creativity and develops and leverages their critical thinking skills.

Law, Public Safety, Corrections, and Security

Introduction to Criminology

Introduction to Criminology is a one-semester course that is designed to enable students to understand basic concepts related to criminology. The target audience for this course is high school students. This course allows students to analyze and compare various theories related to criminology. Additionally, students will explore topics such as punishing offenders, deterring criminal behavior, and eliminating injustice with peace.

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 Law, Public Safety, Corrections, and Security

The Principles of Law, Public Safety, Corrections, and Security course is intended as a practical, hands-on guide to help students understand the functioning of law enforcement agencies, courts, the correctional system, and security and emergency agencies. This course covers the history and development of criminal law in the United States, court procedures, the role of law enforcement agencies and private security in public safety, and the role of firefighters and emergency responders. It also covers the ethical and legal responsibilities and working conditions in law enforcement and

security. Through this course, students will understand the personal, professional, and technological skills required by professionals working in the fields of law, public safety, corrections, and security.

Manufacturing

Principles of Manufacturing

Principles of Manufacturing is a course designed to help your students understand various manufacturing processes, concepts, and systems, and to introduce them to the various career paths available to them in manufacturing. This course emphasizes STEM principles while also covering practical aspects of manufacturing such as marketing and regulatory issues, as well as issues related to launching and managing a manufacturing business.

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

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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 - Leveled
ACT WorkKeys - Graphic Literacy

ACT WorkKeys - Workplace Documents
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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.
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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.

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)

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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.

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.