



School Catalog: High School  
School Year: 2023 - 2024  
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Semester 1 (Fall)<sub>378</sub>

Name ▾	State Code	Credits ▾	Subject ▾	A-G Status	CTE ▾	CTE Pathway	Course Alignment	Std Level	IB	Cross Ref ▾
<b>3D Modeling 1 A (7214-03)</b>	7214	5 Credits	CTE	GO	yes	none				
Description: Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself! Curriculum: eDynamic										
<b>3D Modeling 1 B (7215-02)</b>	7215	5 Credits	CTE	GO	yes	none				
Description: Many buildings that are rendered in the real world first are constructed in a digital 3D world that depicts the aesthetics, environment, and conditions of what will come to be. In this course, you will be introduced to the tools and techniques needed to create works of 3D art. You will bring your objects to life with color, textures, lighting, and shadow all while simulating the movement of world around. Are you ready to bring beautiful objects to life in a 3D world? Let's get started today! Curriculum: eDynamic										
<b>Accounting 1 A (7421-01)</b>	7421	5 Credits	CTE	GO	yes	none				
Description: Accounting 1 examines how to make decisions about planning, organizing, and allocating resources using accounting procedures. Throughout the course, students focus on double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording revenues, expenses, assets, and liabilities; and the preparation of financial statements. This course allows students to explore careers in accounting while learning skills applicable to any professional setting. Students will engage in project-based activities such as analyzing financial statements; implementing the accounts payable and accounts receivable process; and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students will evaluate the roles and qualifications required for specific accounting careers so they can identify opportunities of interest to them. Curriculum: Apex Learning										
<b>Accounting 1 B (7421-02)</b>	7421	5 Credits	CTE	GO	yes	none				
Description: Accounting 1 examines how to make decisions about planning, organizing, and allocating resources using accounting procedures. Throughout the course, students focus on double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording revenues, expenses, assets, and liabilities; and the preparation of financial statements. This course allows students to explore careers in accounting while learning skills applicable to any professional setting. Students will engage in project-based activities such as analyzing financial statements; implementing the accounts payable and accounts receivable process; and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for the workplace. In addition, students will evaluate the roles and qualifications required for specific accounting careers so they can identify opportunities of interest to them. Curriculum: Apex Learning										
<b>Accounting 2 A (7422-02)</b>	7422	5 Credits	CTE	GO	yes	none				
Description: Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources. Curriculum: Apex Learning										
<b>Accounting 2 B (7422-03)</b>	7422	5 Credits	CTE	GO	yes	none				
Description: Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources. Curriculum: Apex Learning										
<b>Advertising and Sales Promotion (8300-01)</b>	8300	5 Credits	CTE	GO	yes	none				

## Description:

Great marketing strategies can be powerful. Every year companies spend approximately \$200 billion promoting their products and services – and that's just in the United States alone! Explore how marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. Learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry. Curriculum: eDynamic

**African American History (9173-02)** 9173 5 Credits Electives GO no none

## Description:

Throughout U.S. history, how have African Americans helped shaped American culture? This course answers that question by tracing African Americans' accomplishments and obstacles, beginning with the slave trade on up to the modern Civil Rights movement. Learn about the political, economic, social, religious, and cultural factors that have influenced African American life, meet individuals who changed the course of history, and explore how the African American story still influences current events. Curriculum: eDynamic

**Agriscience 1 (7171-02)** 7171 5 Credits CTE GO yes none

## Description:

The word "agriculture" often evokes images of farms, fields, and livestock, and while all of these representations are correct and essential, the field of Agriculture is so much more! In Agriscience I: Introduction, you'll explore how agriscientists play key roles in improving agriculture, food production, and the conservation of natural resources along with the technologies used to keep the field thriving. Are you ready to explore the diverse careers in agriscience and how you can prepare to positively impact the planet? Let's get growing! Curriculum: eDynamic

**Agriscience 2 (7171-03)** 7171 5 Credits CTE GO yes none

## Description:

Science and technology are revolutionizing many areas of our lives – and agriculture is no exception! From aquaculture to genetic engineering, agriscience is finding new ways to better produce and manage plants, animals, and other natural resources. Let's delve deeper into important agri-areas such as soil science and weed management. And explore research on plant and animal diseases as well as the insects and other pests that can impact agricultural enterprises and natural resources. Science and technology are revolutionizing many areas of our lives – and agriculture is no exception! From aquaculture to genetic engineering, agriscience is finding new ways to better produce and manage plants, animals, and other natural resources. Curriculum: eDynamic

**Algebra 1 A (9249-1)** 9249 5 Credits Mathematics no none

## Description:

Algebra 1A and 1B address the need for an expanded, two-year treatment of traditional high school Algebra I curriculum. Focusing on review of pre-algebra skills and introductory algebra content, Algebra 1A allows students to deepen their understanding of real numbers in their various forms and then extend their knowledge to linear equations in one and two variables. Course topics include integers; the language of algebra; fractions and decimals; exponents; solving equations with four basic operations; solving equations with roots, powers, or multiple steps; functions; and linear equations. Algebra 1A features ample opportunity for students to hone their computational skills by working through practice problem sets before moving on to formal assessment. When used together, Algebra 1A and Algebra 1B meet California's Algebra I Mathematics Content Standards. Curriculum: Apex Learning

**Algebra 1 B (9249-2)** 9249 5 Credits Mathematics no none

## Description:

Algebra 1A and 1B address the need for an expanded, two-year treatment of traditional high school Algebra I curriculum. Focusing on review of pre-algebra skills and introductory algebra content, Algebra 1A allows students to deepen their understanding of real numbers in their various forms and then extend their knowledge to linear equations in one and two variables. Course topics include integers; the language of algebra; fractions and decimals; exponents; solving equations with four basic operations; solving equations with roots, powers, or multiple steps; functions; and linear equations. Algebra 1A features ample opportunity for students to hone their computational skills by working through practice problem sets before moving on to formal assessment. When used together, Algebra 1A and Algebra 1B meet California's Algebra I Mathematics Content Standards. Curriculum: Apex Learning

**Algebra 2 A (9252-1)** 9252 5 Credits Mathematics no none

## Description:

Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define those functions. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include quadratic equations and functions; polynomial functions; rational expressions and functions; radical expressions and functions; exponential and logarithmic functions; trigonometric functions; modeling with functions; probability and inferential statistics; probability distributions; and sampling distributions and confidence intervals. Curriculum: Apex Learning

**Algebra 2 B (9252-2)** 9252 5 Credits Mathematics no none

## Description:

Algebra II introduces students to advanced functions, with a focus on developing a strong conceptual grasp of the expressions that define those functions. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include quadratic equations and functions; polynomial functions; rational expressions and functions; radical expressions and functions; exponential and logarithmic functions; trigonometric functions; modeling with functions; probability and inferential statistics; probability distributions; and sampling distributions and confidence intervals. Curriculum: Apex Learning

**Allied Health Assistant 1 A (7920-05)**      7920      5 Credits      CTE      GO      yes      none

Description:

Are you passionate about helping people and making a difference in their lives? If you're planning on going into the healthcare field, then this course is for you! Explore your options by learning how to properly care for your patients and provide for the administrative needs of healthcare. Learn to prepare exam rooms, schedule, bill, and document all while solidifying your professional skills in communication, privacy, safety, and ethics. Curriculum: eDynamic

**Allied Health Assistant 1 B (7921-05)**      7921      5 Credits      CTE      GO      yes      none

Description:

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

**American Sign Language 1 A (9130-03)**      9130      5 Credits      Foreign Language      GO      no      none

Description:

Did you know that American Sign Language (ASL) is the third most commonly used language in North America? Learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness. Curriculum: eDynamic

**American Sign Language 1 B (9130-04)**      9130      5 Credits      Foreign Language      GO      no      none

Description:

The predominant sign language of Deaf communities in the United States, American Sign Language, is complex and robust. Discover more of this language and its grammatical structures through expanding your vocabulary with acquiring hundreds of new signs. Additionally, explore interesting topics like Deaf education and Deaf arts and culture, and learn about careers where you can use your ASL skills. Curriculum: eDynamic

**American Sign Language 2 A (9131-04)**      9131      5 Credits      Foreign Language      GO      no      none

Description:

It's time to move beyond introductory ASL signs and start forming more compelling signs for communication. Explore how expressions can enhance signs and lend dimension to conversations, while learning vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies. Curriculum: eDynamic

**American Sign Language 2 B (9131-01)**      9131      5 Credits      Foreign Language      GO      no      none

Description:

Ready to dive deeper into learning about the Deaf community, culture, and language? Learn about sequencing, transitions, role-shifts, and future tenses. Discover how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristics of this course. Curriculum: eDynamic

**American Sign Language 3 A (9132-01)**      9132      5 Credits      Foreign Language      GO      no      none

Description:

As you dive into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives, you'll learn, compose, and present your new-found vocabulary and narratives by immersing yourself in Deaf culture and community. From opinions, slang, and idioms, to using technology and media that offers authentic Deaf perspectives. Explore how travel, cultural differences, and geography affect sign language. And gain a better understanding of Deaf culture by learning important events and examining topics such as education, science, and literature. Curriculum: eDynamic

**American Sign Language 3 B (9132-02)**      9132      5 Credits      Foreign Language      GO      no      none

Description:

Are you ready to discover ways in which Deaf culture influences the world in general? After all, the concept of culture goes far beyond an understanding of Deaf history. Through discussing Deaf culture and experiences, you'll advance your signing skills by developing verb tenses, grammar, and syntax. Apply your language skills in real conversation activities and through opportunities to debate real issues. It's also time to explore the next steps in education and career opportunities for your new intermediate ASL skills. Curriculum: eDynamic

**Anatomy & Physiology 1 A (9335-01)**      9335      5 Credits      Electives      GO      no      none

Description:

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

**Anatomy & Physiology 1 B (9335-02)**      9335      5 Credits      Electives      GO      no      none

Description:

Examine the form and function of even more body systems. Learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics. And discover the importance of accurate patient documentation as well as the technology used in the industry. Curriculum: eDynamic

**Animation 1 A (7214-01)**      7214      5 Credits      CTE      GO      yes      none

Description:

Have you ever watched a cartoon or played a video game where the animation of characters captivated you so much you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation! Curriculum: eDynamic

**Animation 1 B (7214-02)**      7214      5 Credits      CTE      GO      yes      none

Description:

It's time to start animating like the pros! In this hands-on course, you'll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away. Curriculum: eDynamic

**Anthropology 1 (9180-02)**      9180      5 Credits      Electives           no      none

Description:

What makes us human? Is it our ability to use language, tools, or technology? Trace the history of homo sapiens and explore our evolutionary trail through an anthropologic lens to observe our movement from cave dwellers to modern humans. Learn how we forged our way and developed all of the things that make us humans, such as our cultures, languages, and religions. Curriculum: eDynamic

**Anthropology 2 (9180-03)**      9180      5 Credits      Electives           no      none

Description:

How does your culture influence you? Many of our ancient cultures and languages were shaped by the geographical locations of our ancestors. And by examining their views on life, death, art, and survival, we begin to understand how ancient cultures flourished. In looking back and learning about cultures, we are better equipped to understand the world around us. Curriculum: eDynamic

**AP Biology A (9350-9350 1)**      5 Credits      Life Science           no      none

Description:

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

**AP Biology B (9350-9350 2)**      5 Credits      Life Science           no      none

Description:

AP Biology builds students' understanding of biology on both the micro and macro scales. After studying cell biology, students move on to understand how evolution drives the diversity and unity of life. Students will examine how living systems store, retrieve, transmit, and respond to information and how organisms utilize free energy. The equivalent of

an introductory college-level biology course, AP Biology prepares students for the AP exam and for further study in science, health sciences, or engineering. Curriculum: Apex Learning

**AP Calculus A (9268-1)** 9268 5 Credits Mathematics no none

Description:

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

**AP Calculus B (9268-2)** 9268 5 Credits Mathematics no none

Description:

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

**AP Chemistry A (9349-1)** 9349 5 Credits Physical Science no none

Description:

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

**AP Chemistry B (9349-2)** 9349 5 Credits Physical Science no none

Description:

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

**AP English Language A (9119-1)** 9119 5 Credits English B no none

Description:

Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Exam. AP English Language and Composition is recommended for 11th and 12th grade students. This course fulfills 11th grade requirements. Consequently, we recommend that students take only one of the following courses: English 11, Texas English III, and AP English Language and Composition. Curriculum: Apex Learning

**AP English Language B (9119-2)** 9119 5 Credits English B no none

Description:

Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Exam. AP English Language and Composition is recommended for 11th and 12th grade students. This course fulfills 11th grade requirements. Consequently, we recommend that students take only one of the following courses: English 11, Texas English III, and AP English Language and Composition. Curriculum: Apex Learning

**AP English Literature A (9118-1)** 9118 5 Credits English B no none

## Description:

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

**AP English Literature B (9118-2)** 9118 5 Credits English B no none

## Description:

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

**AP Environmental Science A (9346-1)** 9346 5 Credits Life Science no none

## Description:

AP\* Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. Topics explored include natural systems on Earth; biogeochemical cycles; the nature of matter and energy; the flow of matter and energy through living systems; populations; communities; ecosystems; ecological pyramids; renewable and nonrenewable resources; land use; biodiversity; pollution; conservation; sustainability; and human impacts on the environment. The equivalent of an introductory college-level science course, AP Environmental Science prepares students for the AP exam and for further study in science, health sciences, or engineering. Curriculum: Apex Learning

**AP Environmental Science B (9346-2)** 9346 5 Credits Life Science no none

## Description:

AP\* Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. Topics explored include natural systems on Earth; biogeochemical cycles; the nature of matter and energy; the flow of matter and energy through living systems; populations; communities; ecosystems; ecological pyramids; renewable and nonrenewable resources; land use; biodiversity; pollution; conservation; sustainability; and human impacts on the environment. The equivalent of an introductory college-level science course, AP Environmental Science prepares students for the AP exam and for further study in science, health sciences, or engineering. Curriculum: Apex Learning

**AP Macroeconomics (9199-3)** 9199 5 Credits EconomicsGO no none

## Description:

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

**AP Microeconomics (9198-2)** 9198 5 Credits EconomicsGO no none

## Description:

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

**Applied Engineering 1 A** 7700 5 Credits CTE yes none

**(7700-01)**

## Description:

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

<b>Applied Engineering 1 B (7720-02)</b>	7720	5 Credits	CTE		yes	none
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**(7720-02)**

## Description:

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

<b>AP Psychology (9193-1)</b>	9193	5 Credits	Electives	GO	no	none
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## Description:

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

<b>AP Spanish Language and Culture A (9150-1)</b>	9150	5 Credits	Foreign Language	E	no	none
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## Description:

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

<b>AP Spanish Language and Culture B (9150-2)</b>	9150	5 Credits	Foreign Language	E	no	none
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## Description:

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

<b>AP Statistics A (9266-1)</b>	9266	5 Credits	Mathematics		no	none
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## Description:

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

<b>AP Statistics B (9266-2)</b>	9266	5 Credits	Mathematics		no	none
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## Description:

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



exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.  
Curriculum: Apex Learning

**AP US Government 9196** 5 Credits Government# no none  
**(9196-1)**

## Description:

AP U.S. Government and Politics studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics, and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP U.S. Government and Politics prepares students for the AP exam and for further study in political science, law, education, business, and history.

Curriculum: Apex Learning

**AP US History A 9194** 5 Credits US A no none  
**(9194-1)** History/Geography

## Description:

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

**AP US History B 9194** 5 Credits US A no none  
**(9194-2)** History/Geography

## Description:

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

**Archaeology (9170- 9180** 5 Credits Electives GO no none  
**01)**

## Description:

History-social science elective courses typically cover topics outside of district requirements for graduation and/or "a-g" requirements and may include the study of a certain time period, genre or event (1960s, Womens History, Civil War etc.), comparative study of religious or political systems, or cultures. History-Social Science elective courses present students with the opportunity to participate in mock trial, mock United Nations courses and may also include the study of a movement (Civil Rights) or specific topic (music, baseball, etc.) in United States or World History.

**Art Appreciation 9001** 5 Credits VAPA F no none  
**(9001-1)**

## Description:

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 will finish the course by studying artistic traditions from Africa, Asia, Oceania, and the Americas. Curriculum: Apex Learning

**ASB - Student 9219** 2.5 Credits Electives no none  
**Government (9219- 1)** Credits

## Description:

No description available

**Astronomy 1 A 9336** 5 Credits Electives GO no none  
**(9336-01)**

## Description:

Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe. Curriculum: eDynamic

**Astronomy 1 B 9336** 5 Credits Electives GO no none  
**(9336-02)**

Description:

Ready to explore our amazing and dynamic universe even further? You'll be taken on an exciting journey through the solar system to explore the sun, comets, asteroids, meteors, life cycles of stars, and planets' properties. Become familiar with the concepts of space travel and settlements, and what it could be like to live and work in space. How exciting! Curriculum: eDynamic

**Biology A (9324-3)** 9324 5 Credits Life Science D no none

Description:

Biology Literacy Advantage focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment. The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and the interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology. Curriculum: Apex Learning

**Biology B (9324-5)** 9324 5 Credits Life Science D no none

Description:

Biology Literacy Advantage focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment. The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and the interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology. Curriculum: Apex Learning

**Biotechnician 1 A (7911-01)** 7911 5 Credits CTE Science GO yes none

Description:

There are so many mysteries that need unraveling in the world today that can help us grow better crops, cure diseases, combat pollution, solve crimes, and so much more. If you love the idea of solving problems to make the world a better place, a career as a biotechnician may be for you. In this course, you'll learn the basics of lab safety, how to perform tasks crucial to experimentation, biological basics, and about the exciting careers available in the field of biotechnology. Not all heroes wear capes. Some wear lab coats. Grab yours and let's get started! Curriculum: eDynamic

**Biotechnician 1 B (7911-02)** 7911 5 Credits CTE Science GO yes none

Description:

You've scratched the genetic surface of a biotechnician's world, but now, we're going to dive deeper into mankind's future. In this course, you'll explore essential topics that structure the reality of biotechnology such as the role genetics and epigenetics play in influencing human traits, the creation and purpose of recombinant DNA, and how the human immune response can be tweaked to fight disease. You'll also explore GMO's and biofuels and how an idea becomes reality in the biotech industry. Let's continue learning about how you can change the world in a role as a biotechnician. Curriculum: eDynamic

**Biotechnology 1 A (7912-01)** 7912 5 Credits CTE Science GO yes none

Description:

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

**Biotechnology 1 B (7912-02)** 7912 5 Credits CTE Science GO yes none

Description:

Dig deeper into the world of biotechnology! Learn how and why biotechnology is so important to the agricultural, pharmaceutical, and genetic fields of study. You'll learn about mapping the human genome, the role of antibiotics, how medicine is created to combat diseases, and the future of the biotechnology field. It's time to explore the depth and breadth of this fascinating field! Curriculum: eDynamic

**Building and Construction Fundamentals 1A - Concentrator (7341-01)** 7341 5 Credits CTE yes Residential and Construction Trades

Description:

No description available

**Business Applications (7410-05)** 7410 5 Credits CTE Science GO yes none

Description:

This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them. Business Applications is an introductory level Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. This course is built to state and national standards. Students who successfully complete the course can go on to obtain the Microsoft® Office Specialist: Microsoft® Office Word certification.\* Curriculum: Apex Learning

**Business Communications 1 A (7411-02)** 7411 5 Credits CTE GO yes none

Description:

No matter what career you're planning to pursue, excellent professional communication will be key to your success. Upgrade your abilities in speaking, listening, writing, using and reading body language, and communicating in teams and groups. Discover how to plan, create, and deliver business presentations and communicate through graphics. In no time, you'll be communicating with confidence, stand out from your peers, and impress your employer. Curriculum:eDynamic

**Business Communications 1 B (7411-03)** 7411 5 Credits CTE GO yes Business & Finance

Description:

You've learned your audience, found your voice, and can read the body's unspoken words. Now, it's time to limber up those fingers and learn the P's and Q's of communicating in a business setting. In this course, you're going to take the basic writing skills you've developed and revise them so you can take new approaches to planning, building, and distributing documents for a business audience. You'll continue to explore the essentials of writing while drafting new understandings of business documents, and then you'll learn to apply your business communication skills to job applications, interviews, and presentations. No matter your career of choice, learning to effectively communicate will help your professionalism grow leaps and bounds. Let's get writing! Curriculum:eDynamic

**Business Design & Management 1A (7410-01)** 7410 5 Credits CTE yes Business & Finance

Description:

No description available

**Business Information Management 1 A (7400-02)** 7400 5 Credits CTE GO yes none

Description:

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

**Business Information Management 1 B (7400-04)** 7400 5 Credits CTE GO yes Business & Finance

Description:

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

**Business Law 1 A (8431-05)** 8431 5 Credits CTE yes none

Description:

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

**Business Law 1 B (8431-06)** 8431 5 Credits CTE yes none

Description:

You've learned your audience, found your voice, and can read the body's unspoken words. Now, it's time to limber up those fingers and learn the P's and Q's of communicating in a business setting. In this course, you're going to take the basic writing skills you've developed and revise them so you can take new approaches to planning, building, and distributing documents for a business audience. You'll continue to explore the essentials of writing while drafting new understandings of business documents, and then you'll learn to apply your business communication skills to job

applications, interviews, and presentations. No matter your career of choice, learning to effectively communicate will help your professionalism grow leaps and bounds. Let's get writing! Curriculum: eDynamic

**Business Ownership 1 A (7400-05)** 7400 5 Credits CTE GO yes none

## Description:

Do you dream of a future where you can have creative freedom, working in an industry you love, where you can get up every morning excited about the day will bring? In this course, you'll learn the skills you'll need in order to take your dream and transform it into a successful business. You'll explore foundations like generating ideas to qualifying opportunities, analyzing the market, and identifying skills for successful deployment. You'll learn to keep your business rolling and growing through effective workplace leadership and training while incorporating technological innovations to keep your business competitive. Are you ready to turn your dreams into reality? Let's get goaling! Curriculum:eDynamic

**Business Ownership 1 B (7412-05)** 7412 5 Credits CTE GO yes none

## Description:

You've defined your business and made a plan to launch your vision, and now, it's time to turn that business into a well-oiled machine! In this course, you'll familiarize yourself with tried-and-true strategies for success! You'll distinguish market segments, develop the appropriate market mix, brand your business, create a top-notch customer service environment, and calculate financial factors for the crucial first year- and every year after! Owning a booming business doesn't happen by accident. Let's learn what it takes and execute on the essentials to turn your business vision into a reputable reality! Curriculum:eDynamic

**Career Explorations (7000-01)** 7000 5 Credits CTE yes none

## Description:

No description available

**Careers in Criminal Justice 1 A (8431-03)** 8431 5 Credits CTE GO yes none

## Description:

Have you ever wondered what steps take place as people as they move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order. Curriculum: eDynamic

**Careers in Criminal Justice 1 B (8431-04)** 8431 5 Credits CTE GO yes none

## Description:

Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, and federal levels, and even in the private sector. Explore some of the various occupations in this field, while simultaneously learning how they interact with each other and other first responders. Discover various interviewing techniques to uncover the truth. Understand the importance of making ethical decisions, and how you need to keep your sense of right and wrong in check to be successful in this field. Curriculum: eDynamic

**Chemistry A (9325-1)** 9325 5 Credits Physical Science D no none

## Description:

The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, the importance of chemistry to society, atomic structure, bonding in matter, chemical reactions, redox reactions, electrochemistry, phases of matter, equilibrium and kinetics, acids and bases, thermodynamics, quantum mechanics, nuclear reactions, organic chemistry, and alternative energy. Curriculum: Apex Learning

**Chemistry B (9325-2)** 9325 5 Credits Physical Science D no none

## Description:

The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, the importance of chemistry to society, atomic structure, bonding in matter, chemical reactions, redox reactions, electrochemistry, phases of matter, equilibrium and kinetics, acids and bases, thermodynamics, quantum mechanics, nuclear reactions, organic chemistry, and alternative energy. Curriculum: Apex Learning

**Chemistry in the Earth System A (9332-1)** 9332 5 Credits Physical Science D no none

## Description:

Chemistry in the Earth System integrates chemistry with biology and Earth science. Throughout the course, students apply fundamental chemistry concepts to better understand how matter and energy interact in the natural and designed world, how human activities impact Earth's systems, and how science can be used to develop new technologies and

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

<b>Chemistry in the Earth System B (9332-2)</b>	9332	5 Credits	Physical Science	D	no	none
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Description:

Chemistry in the Earth System integrates chemistry with biology and Earth science. Throughout the course, students apply fundamental chemistry concepts to better understand how matter and energy interact in the natural and designed world, how human activities impact Earth's systems, and how science can be used to develop new technologies and engineering solutions. Course topics include the nature of matter, forces and energy, atomic structure, bonding in matter, chemical reactions, equilibrium and kinetics, thermodynamics, matter and energy in Earth's physical and living systems, energy and resource consumption, and environmental challenges.

<b>[CHOOSE: A-G ELECTIVE] (ElectiveAG)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: A-G VAPA] (VAPAAG)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: CTE] (CTE)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: CTE or VAPA] (CTEorVAPA)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: ELECTIVE] (Elective)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: ENGLISH] (ENGLISHAG)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: LIFE SCIENCE] (LIFSCI)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: MATH] (MATHAG)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: PHYSICAL EDUCATION] (PhysEd)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: PHYSICAL SCIENCE] (PHYSICI)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>[CHOOSE: TECHNOLOGY] (TECH)</b>	1000	0 Credits			no	none
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Description:

No description available

**[CHOOSE: VAPA] 1000 0 Credits no none**  
**(VAPA)**

Description:

No description available

**[CHOOSE: VAPA or 1000 0 Credits no none**  
**WORLD**  
**LANGUAGE]**  
**(VAPAAorWL)**

Description:

No description available

**[CHOOSE: WORLD 1000 0 Credits no none**  
**LANGUAGE]**  
**(WorldLang)**

Description:

No description available

**Coding 1 A (8130- 8130 5 Credits CTE GO yes none**  
**05)**

Description:

Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret? Curriculum: eDynamic

**Coding 1 B (8131- 8131 5 Credits CTE yes none**  
**05)**

Description:

Let's continue to cultivate an understanding of programming languages and expand on website development. You will learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and JavaScript. You will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing. Curriculum: eDynamic

**College & Career 9218 5 Credits Electives no none**  
**Preparation A**  
**(9218-2)**

Description:

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. Curriculum: Apex Learning

**College & Career 9218 5 Credits Electives no none**  
**Preparation B**  
**(9218-3)**

Description:

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. Curriculum: Apex Learning

**Community College 9227 5 Credits CTE no none Dual**  
**CTE-CC (9227-2) Credit**

Description:

No description available

**Community College 9227 5 Credits Electives no none Dual**  
**Elective-CC (9227-1) Credit**

Description:

No description available

**Community College 9120 5 Credits English no none Dual**  
**English Language-CC (9120-1) Credit**

Description:

No description available

**Community College 9154 5 Credits Foreign no none Dual**  
**Foreign Language- Language Credit**

**CC (9154-1)**

Description:

No description available

<b>Community College</b>	9200	5 Credits		no	none	Dual Credit
<b>History/Social Science-CC (9200-1)</b>						

Description:

No description available

<b>Community College</b>	9273	5 Credits	Mathematics	no	none	Dual Credit
<b>Mathematics-CC (9273-1)</b>						

Description:

No description available

<b>Community College</b>	9358	5 Credits		no	none	Dual Credit
<b>Science-CC (9358-1)</b>						

Description:

No description available

<b>Community College</b>	9227	5 Credits	Technology/Computers	no	none	Dual Credit
<b>Technology-CC (9227-3)</b>						

Description:

No description available

<b>Community College</b>	9020	5 Credits	VAPA	no	none	Dual Credit
<b>Visual or Performing Arts-CC (9020-1)</b>						

Description:

No description available

<b>Community Service</b>	9212	2.5 Credits	Community Service	no	none	
<b>(9212-1)</b>						

Description:

No description available

<b>Computer Applications</b>	7410	5 Credits	CTE	GO	yes	Business & Finance
<b>(7410-02)</b>						

Description:

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

<b>Computing for College and Careers 1 A</b>	8100	5 Credits	CTE		yes	none
<b>(8100-03)</b>						

Description:

Technology has made an impact on nearly all facets of our lives, and it will continue to make an impact on yours as you make your way into college and career! In this course, you are going to pull back the veil on what goes into some of the technology we use every day. You will investigate computer hardware and software and learn what goes into building a computer while exploring programs and applications, you'll study the history of the internet and how to use its capabilities even more effectively, and you'll also dive deep into email and some of today's most powerful processing tools. Get ready to really know the technology you have at your fingertips so you can continue to make it work for you! Curriculum: eDynamic

<b>Computing for College and Careers 1 B</b>	8100	5 Credits	CTE		yes	none
<b>(8100-04)</b>						

Description:

You have looked at the building blocks of some technologies you use on a daily basis, and now it's time to dig even deeper to see how it can help determine your future! In this course, you'll analyze modern websites, learn design elements and principles, and even create your very own website. You'll learn to write algorithms, use common web languages, and explore some of the basics of AI all while becoming a good digital citizen. Lastly, you'll explore various

careers in computing, learn about industry certifications, and see how a resume and portfolio can help you. Let's look to the future! Curriculum: eDynamic

<b>Concepts of Engineering and Technology (7720-01)</b>	7720	5 Credits	CTE		yes	none
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Description:

Learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. Explore the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. By examining astounding engineering feats and complex ongoing issues, you'll begin to question whether the word impossible really exists. Curriculum: eDynamic

<b>Concurrent Enrollment at JC/CC (CONCURRENT)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>Cosmetology 1 (7836-01)</b>	7836	5 Credits	CTE	GO	yes	none
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Description:

We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? Just like all careers, cosmetology requires certain skills and characteristics. You will learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course! Curriculum: eDynamic

<b>Cosmetology 2 (7837-02)</b>	7837	5 Credits	CTE	GO	yes	none
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Description:

This vibrant industry needs skilled and personable professionals well-versed in the latest trends and technological advances. Explore what the day-to-day life of a cosmetologist is like, and discover that cosmetology is much more than knowing and applying techniques. Learn skin care and facials, how to give manicures and pedicures, how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology. Curriculum: eDynamic

<b>Cosmetology 3 A (7838-01)</b>	7838	5 Credits	CTE	GO	yes	none
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Description:

Cosmetology is a specialized field with a high skill set. Examine the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. You'll learn about hair types, face shapes, and color theory. And, to effectively prepare you for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined. Curriculum: eDynamic

<b>Cosmetology 3 B (7838-02)</b>	7838	5 Credits	CTE	GO	yes	none
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Description:

Cosmetology is a specialized field with a high skill set. Examine the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. You'll learn about hair types, face shapes, and color theory. And, to effectively prepare you for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined. Curriculum: eDynamic

<b>Creative Writing 1 (9102-02)</b>	9102	5 Credits	English	B	no	none
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Description:

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

<b>Creative Writing 2 (9102-03)</b>	9102	5 Credits	English	B	no	none
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Description:

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

<b>Credit Recovery (RECOVERY)</b>	1000	0 Credits			no	none
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Description:

No description available

<b>Culinary Arts 1 A (8020-01)</b>	8020	5 Credits	CTE	GO	yes	none
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## Description:

Thinking of a career in the foodservice industry or looking to develop your culinary skills? Explore basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

Curriculum: eDynamic

**Culinary Arts 1 B (8020-02)** 8020 5 Credits CTE GO yes none

## Description:

Did you know that baking is considered a science? Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. Explore careers in the culinary arts for ways to channel your newfound passion! Curriculum: eDynamic

**Culinary Arts 2 (8021-01)** 8021 5 Credits CTE GO yes none

## Description:

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, you'll build a strong foundation and grow your knowledge of this exciting industry. Explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. Enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Curriculum: eDynamic

**Cybersecurity 1 A (8110-01)** 8110 5 Credits CTE GO yes none

## Description:

We depend more on the technologies we interact with every day; and we put more and more of our personal data out there online. Can all of that data really be kept "secret"? Learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. Dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

Curriculum: eDynamic

**Cybersecurity 1 B (8111-01)** 8111 5 Credits CTE GO yes none

## Description:

Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyberattacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. Cybersecurity will play an increasingly larger role in our personal and professional lives in the years to come. Curriculum: eDynamic

**Dental Assistant 1 A (7920-06)** 7920 5 Credits CTE GO yes none

## Description:

Are you a compassionate person who genuinely cares about helping others be healthy? Learn how becoming a Dental Assistant can offer you a rewarding career as well as job security. Start with learning the different roles within a dentist's office, organizations to get involved with, and basic head, neck, and dental anatomy. Learn what it takes to embark on a career sure to provide personal and professional fulfillment. Curriculum: eDynamic

**Dental Assistant 1 B (7921-02)** 7921 5 Credits CTE GO yes none

## Description:

You have scraped the surface of how rewarding assistant dentistry can be, and now it's time to drill deeper into the inner-workings of the role. In Dental Assistant 1b: Principles of Clinical Dentistry, you'll learn about the daily duties of a dental assistant including the structure of an office visit, managing patient records, and administrative aspects of the role. You'll also explore how patient health can impact oral health, how to prepare for and perform a patient visit, and how to succeed in a team environment. Let's continue polishing those skills to become a dental assistant today!

Curriculum: eDynamic

**Digital Design 1 A (7210-01)** 7210 5 Credits CTE GO yes none

## Description:

Are you an artistic person drawn to the idea of creating graphic elements? Then a career in digital design may be for you! In this course, you will learn the basic principles of design, the tools needed to succeed in the industry and how to design objects for specific purposes and audiences. You'll also learn how to market yourself and open your own design business all while building a portfolio. Let's align your skills and dreams today for a career in digital design! Curriculum: eDynamic

**Digital Design 1 B (7211-02)** 7211 5 Credits CTE GO yes none

## Description:

Are you ready to dig deeper and discover more about the world of digital design? In this course, you will continue building the foundational skills necessary to become a successful graphic designer. You will learn and apply effective communication and people skills, explore and implement the design process, create images, properly use equipment,

and evaluate and market your own designs. By the end of the course, you'll better be able to decide if a career in digital design is for you... and if the answer is yes, you'll be well on your way to designing a bright future! Curriculum:

eDynamic

<b>Digital Media Fundamentals 1 A (7219-01)</b>	7219	5 Credits	CTE	GO	yes	none
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Description:

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

eDynamic

<b>Digital Media Fundamentals 1 B (7220-01)</b>	7220	5 Credits	CTE	GO	yes	none
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Description:

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

<b>Digital Photography 1 A (9000-01)</b>	9000	5 Credits	VAPA	GO	no	none
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Description:

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer. Curriculum: eDynamic

<b>Digital Photography 1 B (9000-02)</b>	9000	5 Credits	VAPA	GO	no	none
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Description:

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer. Curriculum: eDynamic

<b>Digital Photography 2 (9000-03)</b>	9000	5 Credits	VAPA		no	none
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Description:

We are surrounded by images; in advertisements, on websites, in magazines, and on billboards. Learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own. Examine various aspects of the photography field including specialty areas, ethics, and famous photographers throughout history. Curriculum: eDynamic

<b>Early Childhood Education 1 A (7530-01)</b>	7530	5 Credits	CTE	GO	yes	none
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Description:

Are you curious to see what it takes to educate and nurture early learners? Use your curiosity to explore the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider! Curriculum: eDynamic

<b>Early Childhood Education 1 B (7530-02)</b>	7530	5 Credits	CTE	GO	yes	none
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Description:

Discover the joys of providing exceptional childcare and helping to develop future generations. Learn the importance of play and use it to build engaging educational activities that build literacy and math skills through each stage of childhood and special need. Use this knowledge to develop your professional skills well suited to a career in childcare. Curriculum: eDynamic

<b>Earth Science A (9321-1)</b>	9321	5 Credits	Physical Science	D	no	none
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Description:

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Course topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources. Optional teacher-scored labs and projects encourage students to apply the scientific method. Curriculum: Apex Learning

<b>Earth Science B (9321-2)</b>	9321	5 Credits	Physical Science	D	no	none
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## Description:

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Course topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history, Earth's environment, sustainability, and energy resources. Optional teacher-scored labs and projects encourage students to apply the scientific method. Curriculum: Apex Learning

**Economics (9175-1)** 9175 5 Credits EconomicsGO no none

## Description:

Economics is designed to fall in the fourth year of social studies instruction. Students establish mastery of key economic principles through a scaffolded series of analytic written assignments and lesson tests. They also apply basic mathematics to economic concepts. This course is built to state standards and further informed by standards from the National Council for History Education, the National Center for History in the Schools, and the National Council for Social Studies. Curriculum: Apex Learning

**EKG Technician 1 A** 7941 5 Credits CTE GO yes none  
(7941-01)

## Description:

Our hearts are essential to our survival. And EKG technicians play an important role in administering tests and evaluating data given by the electrocardiogram (EKG) to treat patients effectively. Explore the cardiovascular system and its anatomy, and its role in our body, health, and lives. If you're a people person and want to work in healthcare, build the knowledge and skill base to prepare you for a cardiovascular career. Curriculum: eDynamic

**EKG Technician 1 B** 7941 5 Credits CTE GO yes none  
(7941-05)

## Description:

Does the thought of becoming an EKG Technician still make your heart skip a beat? Continue your journey through the peaks and valleys of EKG waves and really dig into the details of the cardiac code to fulfill your ultimate goal: saving lives! This course will prepare you to interpret different EKG waves, how to spot wave abnormalities, how to differentiate between different disorders, and how to treat those disorders. Let's get ready to continue your adventure into the world of cardiology and a possible career as a EKG Technician! Curriculum: eDynamic

**Emergency Medical Responder 1 A** 8420 5 Credits CTE GO yes none  
(8420-01)

## Description:

Have you ever wondered what happens after making a 911 call? Get a realistic look into the day-to-day, fast-paced life of an EMR and how their roles and responsibilities fit into the larger picture with Emergency Medical Services. Discover how to conduct a patient assessment when you arrive on a scene and assess and treat various medical emergencies. If you've ever dreamt of being on the front lines, providing quality care to save someone's life, then explore the exciting career as an Emergency Medical Responder. Curriculum: eDynamic

**Emergency Medical Responder 1 B** 8421 5 Credits CTE GO yes none  
(8421-01)

## Description:

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

**English 10 A (9106- 1)** 9106 5 Credits English B no none

## Description:

The focus of the English 10 course is the writing process. Three writing applications guide the curriculum: persuasive, expository, and narrative writing. Each lesson culminates in a written assignment that lets students demonstrate their developing skill in one of these applications. English 10 follows the model of English 9 by including at least one anchor text per lesson, but the essays, articles, stories, poems, and speeches are often presented as models for students to emulate as they practice their own writing. So that these readings may serve as proper examples for students, a high proportion of texts for this course are original pieces. Curriculum: Apex Learning

**English 10 B (9106- 2)** 9106 5 Credits English B no none

## Description:

The focus of the English 10 course is the writing process. Three writing applications guide the curriculum: persuasive, expository, and narrative writing. Each lesson culminates in a written assignment that lets students demonstrate their developing skill in one of these applications. English 10 follows the model of English 9 by including at least one anchor text per lesson, but the essays, articles, stories, poems, and speeches are often presented as models for students to emulate as they practice their own writing. So that these readings may serve as proper examples for students, a high proportion of texts for this course are original pieces. Curriculum: Apex Learning

**English 11 A (9107- 1)** 9107 5 Credits English B no none

## Description:

English Tutorials offer targeted instruction, practice and review designed to build students' communication and reading comprehension skills. They automatically identify and address learning gaps down to elementary-level content, using adaptive remediation to bring students to grade-level no matter where they start. Students engage with the content in an interactive, feedback-rich environment as they progress through standards-aligned modules. Reading comprehension modules strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing modules combine free response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and explanatory styles. To develop skills specific to public discourse, speaking and listening modules guide students as they evaluate clips and readings from speeches and discussions. In language modules, students build foundational grammar skills they need to articulate their ideas and understand challenging words. Curriculum: Apex Learning

**English 11 B (9107- 2)** 9107 5 Credits English B no none

Description:

English Tutorials offer targeted instruction, practice and review designed to build students' communication and reading comprehension skills. They automatically identify and address learning gaps down to elementary-level content, using adaptive remediation to bring students to grade-level no matter where they start. Students engage with the content in an interactive, feedback-rich environment as they progress through standards-aligned modules. Reading comprehension modules strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing modules combine free response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and explanatory styles. To develop skills specific to public discourse, speaking and listening modules guide students as they evaluate clips and readings from speeches and discussions. In language modules, students build foundational grammar skills they need to articulate their ideas and understand challenging words. Curriculum: Apex Learning

**English 12 A (9108- 1)** 9108 5 Credits English B no none

Description:

The English 12 course asks students to closely analyze world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems The Odyssey, Beowulf, and The Inferno, in Shakespeare's Tempest, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of "heroic" and "monstrous" have been defined across cultures and time periods and how the treatment of the "other" can make monsters or heroes of us all. Curriculum: Apex Learning

**English 12 B (9108- 2)** 9108 5 Credits English B no none

Description:

The English 12 course asks students to closely analyze world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems The Odyssey, Beowulf, and The Inferno, in Shakespeare's Tempest, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of "heroic" and "monstrous" have been defined across cultures and time periods and how the treatment of the "other" can make monsters or heroes of us all. Curriculum: Apex Learning

**English 9 A (9105-1)** 9105 5 Credits English B no none

Description:

Each unit includes informational texts inviting students to consider the historical, social, and literary context of the main texts they study. For example, in the first semester, a Nikolai Gogol story that is offered as an exemplar of magical realism is accompanied by instruction on that genre. Together, the lesson content and reading prompt students to demonstrate their understanding of magical realism by analyzing its qualities in a literary text. Throughout the course, students respond to others' claims and support their own claims in essays, discussions, and presentations, consistently using thorough textual evidence. The range of texts includes canonical authors such as William Shakespeare, Franz Kafka, and Elie Wiesel, as well as writers from diverse backgrounds, such as Alice Walker, Li-Young Lee, and Robert Lake-Thom (Medicine Grizzlybear). Curriculum: Apex Learning

**English 9 B (9105-2)** 9105 5 Credits English B no none

Description:

Each unit includes informational texts inviting students to consider the historical, social, and literary context of the main texts they study. For example, in the first semester, a Nikolai Gogol story that is offered as an exemplar of magical realism is accompanied by instruction on that genre. Together, the lesson content and reading prompt students to demonstrate their understanding of magical realism by analyzing its qualities in a literary text. Throughout the course, students respond to others' claims and support their own claims in essays, discussions, and presentations, consistently using thorough textual evidence. The range of texts includes canonical authors such as William Shakespeare, Franz Kafka, and Elie Wiesel, as well as writers from diverse backgrounds, such as Alice Walker, Li-Young Lee, and Robert Lake-Thom (Medicine Grizzlybear). Curriculum: Apex Learning

**English: Effective Writing (9111-1)** 9111 5 Credits English no none

Description:

No description available

**English: Fiction Writing (9111-3)** 9111 5 Credits English no none

Description:

No description available

**Entrepreneurship 1 8300** 5 Credits CTE GO yes none  
**A (8300-02)**

## Description:

Starting a business is more than just having a good idea. Successful entrepreneurs know how to use and apply fundamental business concepts to turn their ideas into thriving businesses. Explore topics such as identifying the best business structure, business functions and operations, finance, business laws, regulations, and more! If you have ever dreamed of making a business idea a reality, take the time to establish a solid foundation of business skills to make your business dreams come true! Curriculum: eDynamic

**Entrepreneurship 1 8330** 5 Credits CTE GO yes none  
**B (8330-01)**

## Description:

You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life! Curriculum: eDynamic

**Environmental Studies A (9339-1)** 9339 5 Credits Life Science D no none

## Description:

The course provides students with opportunities to learn and practice scientific skills within the context of relevant scientific questions. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Case studies of current environmental challenges introduce each content lesson and acquaint students with real-life environmental issues, debates, and solutions. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Virtual Lab activities enable students to engage in investigations that require long periods of observation at remote locations and to explore simulations that enable environmental scientists to test predictions. Throughout this course, students are given an opportunity to understand how biology, earth science, and physical science are applied to the study of the environment and how technology and engineering are contributing solutions for studying and creating a sustainable biosphere. Curriculum: Apex Learning

**Environmental Studies B (9339-2)** 9339 5 Credits Life Science D no none

## Description:

The course provides students with opportunities to learn and practice scientific skills within the context of relevant scientific questions. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Case studies of current environmental challenges introduce each content lesson and acquaint students with real-life environmental issues, debates, and solutions. Lab activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science. Virtual Lab activities enable students to engage in investigations that require long periods of observation at remote locations and to explore simulations that enable environmental scientists to test predictions. Throughout this course, students are given an opportunity to understand how biology, earth science, and physical science are applied to the study of the environment and how technology and engineering are contributing solutions for studying and creating a sustainable biosphere. Curriculum: Apex Learning

**Ethnic Studies (9179-2)** 9179 5 Credits Electives GO no none

## Description:

Ethnic Studies is a one-semester history and sociology course that examines the multicultural fabric of the United States. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences. Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, culture and the media, and the formation of new cultures. Curriculum: Apex Learning

**Expanded Algebra 1 A first half (2.5) (9250-1)** 9250 5 Credits Mathematics no none

## Description:

This course continues an expanded, two-year Algebra I sequence designed for students who are not yet prepared for the academic challenges of the traditional one-year Algebra I curriculum. Second year course topics include a review of introductory algebra; measurement; graphing data; linear equations; systems of linear equations; polynomials; factoring of polynomials; factoring of quadratic functions; rational expressions; and radical expressions. The two course sequence features ample opportunity for students to hone their computational skills by working through practice problem sets before moving on to formal assessment. Curriculum: Apex Learning

**Expanded Algebra 1 A second half (2.5) (9250-2)** 9250 5 Credits Mathematics no none

## Description:

This course continues an expanded, two-year Algebra I sequence designed for students who are not yet prepared for the academic challenges of the traditional one-year Algebra I curriculum. Second year course topics include a review of introductory algebra; measurement; graphing data; linear equations; systems of linear equations; polynomials; factoring

of polynomials; factoring of quadratic functions; rational expressions; and radical expressions. The two course sequence features ample opportunity for students to hone their computational skills by working through practice problem sets before moving on to formal assessment. Curriculum: Apex Learning

**Expanded Algebra 9251**      5 Credits    Mathematics      no      none  
**1 B first half (2.5)**  
**(9251-1)**

Description:

This course continues an expanded, two-year Algebra I sequence designed for students who are not yet prepared for the academic challenges of the traditional one-year Algebra I curriculum. Second year course topics include a review of introductory algebra; measurement; graphing data; linear equations; systems of linear equations; polynomials; factoring of polynomials; factoring of quadratic functions; rational expressions; and radical expressions. The two course sequence features ample opportunity for students to hone their computational skills by working through practice problem sets before moving on to formal assessment. Curriculum: Apex Learning

**Expanded Algebra 9251**      5 Credits    Mathematics      no      none  
**1 B second half**  
**(2.5) (9251-2)**

Description:

This course continues an expanded, two-year Algebra I sequence designed for students who are not yet prepared for the academic challenges of the traditional one-year Algebra I curriculum. Second year course topics include a review of introductory algebra; measurement; graphing data; linear equations; systems of linear equations; polynomials; factoring of polynomials; factoring of quadratic functions; rational expressions; and radical expressions. The two course sequence features ample opportunity for students to hone their computational skills by working through practice problem sets before moving on to formal assessment. Curriculum: Apex Learning

**Exploring Computer Science A (8100-4)**      8100      5 Credits    CTE      yes      none

Description:

Exploring Computer Science 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 Discussions, 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. Curriculum: Apex Learning

**Exploring Computer Science B (8100-5)**      8100      5 Credits    CTE      yes      none

Description:

Exploring Computer Science 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 Discussions, 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. Curriculum: Apex Learning

**Exploring the World Through Art (9000-04)**      9000      5 Credits    VAPA      no      none

Description:

No description available

**Expository Writing (9111-2)**      9111      5 Credits    English    B      no      none

Description:

In Expository Writing, students delve into the power and potential of the English language. Reading and writing assignments explore relevant and universal themes including war, human rights, cultural awareness, and humans'

relationships with the environment, the media, and technology. By reading and evaluating seminal speeches, essays, and stories, students learn how writing is used to explain, persuade, and entertain. Students develop and practice expressing their own ideas in four types of essays: compare and contrast, persuasive, evaluative, and explanatory. Additional assignments will focus on narrative writing, research projects, and speeches. Curriculum: Apex Learning

**Fashion Design (7810-01)** 7810 5 Credits CTE GO yes none

Description:

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating! Curriculum: eDynamic

**Financial Algebra A (9254-1)** 9254 5 Credits Mathematics no none

Description:

Financial Algebra focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra 1 and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning. Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems). Curriculum: Apex Learning

**Financial Algebra B (9254-2)** 9254 5 Credits Mathematics no none

Description:

Financial Algebra focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra 1 and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning. Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems). Curriculum: Apex Learning

**Financial Literacy (9260-3)** 9260 5 Credits Mathematics no none

Description:

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. Curriculum: Apex Learning

**Forensic Science 1 (8411-01)** 8411 5 Credits CTE GO yes none

Description:

Fingerprints. Blood spatters. Gunshot residue. If these things intrigue you rather than scare you, then forensic science may be for you. Explore the riveting job of crime scene analysis, and learn the techniques and practices applied during a crime scene investigation, including how clues and data are recorded and preserved. Discover how technology is applied to make discoveries and bring criminals to justice. Curriculum: eDynamic

**Forensic Science 2 (8411-02)** 8411 5 Credits CTE GO yes none

Description:

The best way to battle crime these days is not with a weapon, but with science. Dig deeper into the science of forensics and the basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology. Find out how scientists use everything from insects to bones to help them solve crimes. And discover how advanced techniques and technology can lead to catching even the craftiest criminal. Curriculum: eDynamic

**Forestry and Natural Resources (7150-1)** 7150 5 Credits CTE yes none

Description:

Thriving forests are an essential part of the health of the planet, from our wildlife's ecosystem to providing humans with clean air to lumber and paper products. But forests cannot protect themselves and depend greatly on humans for conservation. Learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. Forestry offers diverse professional opportunities, and for those concerned about the environment, it is a great choice. Curriculum: eDynamic

**Foundations of Game Design 1 A (7260-02)** 7260 5 Credits CTE GO yes none

Description:

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

**Foundations of Game Design 1 B (7261-01)** 7261 5 Credits CTE GO yes none

Description:

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

**French 1 A (9130-1)** 9130 5 Credits Foreign Language E no none

Description:

French I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as sports, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the verb system, adjective agreement, formal and informal address, reflexive verbs, and past tense. Students also gain an understanding of the cultures of French-speaking countries and regions within and outside Europe, as well as insight into Francophone culture and people. Curriculum: Apex Learning

**French 1 B (9130-2)** 9130 5 Credits Foreign Language E no none

Description:

French I teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as sports, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the verb system, adjective agreement, formal and informal address, reflexive verbs, and past tense. Students also gain an understanding of the cultures of French-speaking countries and regions within and outside Europe, as well as insight into Francophone culture and people. Curriculum: Apex Learning

**French 2 A (9131-1)** 9131 5 Credits Foreign Language E no none

Description:

French II teaches students to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal address. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms in cooking, geography, and architecture. Instruction in language structure and grammar includes present- and past-tense verb forms and uses, negation, and direct and indirect objects. Students deepen their knowledge of French-speaking regions and cultures by learning about history, literature, culture, and contemporary issues. Curriculum: Apex Learning

**French 2 B (9131-2)** 9131 5 Credits Foreign Language E no none

Description:

French II teaches students to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal address. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms in cooking, geography, and architecture. Instruction in language structure and grammar includes present- and past-tense verb forms and uses, negation, and direct and indirect objects. Students deepen their knowledge of French-speaking regions and cultures by learning about history, literature, culture, and contemporary issues. Curriculum: Apex Learning

**Game Design 2 A (7261-02)** 7261 5 Credits CTE GO yes none

Description:

Are you ready to enter this multi-billion-dollar industry and start applying your technical skills into a compelling package that will catch the eye of an employer? Beginning with conceptualization and the design process, you'll develop your game's story elements, narrative, plot, characters, and assets. Using game design software, you'll bring your game to life by applying lighting, audio, visual effects, player choice options, AI, and consider the type of controls to use for your game. Build a world players can get immersed in. Curriculum: eDynamic

**Game Design 2 B (7262-01)** 7262 5 Credits CTE GO yes none

Description:

You've already done the groundwork, and now it's time to level up and launch! In Game Design 2b, you'll take your runner game to new heights and enter the land of fire and ice using the cool tools that Unity has to offer! Get ready to build atmospheric landscapes, mountain runs, stair builds, and implement obstacles to keep your relic safe! Then, your real-world game begins: test and evaluate your game and prepare for a market launch! All of the moving parts of the game development process come together in this course, so you can unleash your game into the world! Curriculum: eDynamic

**Game Design for Chromebooks 1 A** 7260 5 Credits CTE yes none



**(7260-01)**

## Description:

Are you ready to take your passion for game design and turn it into a real-life prototype? In this course, you'll learn the fundamentals of game design including scripting in JavaScript, game mechanics, audio editing, storytelling, and game world development. And the best part? You'll apply these skills to build an arcade-style galactic adventure game using PlayCanvas! Let's get ready to blast off into the world of game design! Curriculum: eDynamic

**Game Design for Chromebooks 1 B** 7261 5 Credits CTE yes none

**(7261-03)**

## Description:

Get ready to add some super charged rocket fuel to your galactic adventure game prototype because it's time for it to blast into the stratosphere as a full-blown product! In this course, you'll build on your prototype focusing on techniques to add difficulty but also increase the fun. "Fun" may sound like an elusive quality to achieve, but understanding your audience's needs and potential immersive elements as well as the alignment and flow of your game progression will put you well on the way to creating a hit! Get ready to launch your game for all to see and collect the interstellar acclaim that follows! Curriculum: eDynamic

**Geometry A (9255-1)** 9255 5 Credits Mathematics no none

## Description:

Geometry students acquire conceptual understanding of key geometric topics, work toward computational fluency, and expand their problem-solving skills. Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles; triangles; quadrilaterals and other polygons; circles; coordinate geometry; and three-dimensional solids. The course concludes with a look at special topics in geometry, such as constructions, symmetry, tessellations, fractals, and non-Euclidean geometry. Curriculum: Apex Learning

**Geometry B (9255-2)** 9255 5 Credits Mathematics no none

## Description:

Geometry students acquire conceptual understanding of key geometric topics, work toward computational fluency, and expand their problem-solving skills. Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles; triangles; quadrilaterals and other polygons; circles; coordinate geometry; and three-dimensional solids. The course concludes with a look at special topics in geometry, such as constructions, symmetry, tessellations, fractals, and non-Euclidean geometry. Curriculum: Apex Learning

**Gothic Literature (9112-1)** 9112 5 Credits Electives GO no none

## Description:

It was a dark and stormy night, and the vampires, ghouls, and undead were on the prowl... Gothic Literature is riddled with the spooky, but did you know that this genre is so much more than a scary form of entertainment? In Gothic Literature, you'll learn about how some of the world's greatest authors from the 19th century through today used Gothic elements to tackle issues that needed serious attention: the class system, gender norms, racism, social injustice, and more! Grab your monster gear and explore why Gothic literature has retained its appeal even with today's audiences. Curriculum: eDynamic

**Great Minds in Science (9228-4)** 9228 5 Credits Electives GO no none

## Description:

Does life exist on other planets? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions. Like such famous minds from history as Edison, Einstein, Curie, and Newton, today's scientists are finding ways to revolutionize our lives and the world. Explore the extraordinary work of past individuals and how their ideas may very well shape the world of tomorrow. Curriculum: eDynamic

**Health Science 1 (7920-02)** 7920 5 Credits CTE GO yes none

## Description:

Finding effective solutions to different health problems is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? You'll be introduced to disciplines such as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment of human life in our future. Curriculum: eDynamic

**Health Science 2 (7921-06)** 7921 5 Credits CTE GO yes none

## Description:

Explore the roles health care professionals play in treating patients. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution. Curriculum: eDynamic

**Health Science Foundations 1 A (7940-01)** 7940 5 Credits CTE yes none

## Description:

Health science careers are not only in high demand, but they offer a diverse range of careers for all types of people interested in helping others. Acquire foundational knowledge required to pursue a career in the healthcare industry, and the education, training, and credentials needed to attain them. Learn basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities. Explore communication, teamwork, and leadership techniques – providing a solid basis for those wanting to advance through the health sciences. Curriculum: eDynamic

**Health Science Foundations 1 B (7941-02)**      7941      5 Credits      CTE           yes      none

## Description:

Making sure that you, your patients, and your colleagues stay safe, you'll begin analyzing your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. Examine infection control, first-aid, CPR, and measuring a patient's vitals. Learn about numerical data, such as systems of measurement, medical math, and reading and interpreting charts. And examine effective teamwork and leadership characteristics while building your employment skills. Curriculum: eDynamic

**Health Science: Public Health (7950-01)**      7950      5 Credits      CTE      GO      yes      none

## Description:

What is public health? Who decides which diseases get funding and which do not? What are the reasons for health inequality? Study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role of worldwide current and future technologies and the ethics and governance of health on a global scale, and discover unique career opportunities you can pursue to make a difference. Curriculum: eDynamic

**Healthy Living (9160-01)**      9160      5 Credits      Electives           no      none

## Description:

No description available

**High School Career Discovery (7000-02)**      7000      5 Credits      CTE      GO      yes      none

## Description:

Your future career is likely something you've dreamed about since you were a child. Now it's time to turn that dream into a reality! In this course, you will explore your own strengths, interests, and preferences and use that information to uncover the best career for you! You will explore 17 career clusters, learn about the skills needed to work in different industries, and choose a path to pursue. You'll build a plan to get you from high school to your first day on the job, and craft a strong portfolio to land your perfect job. You've dreamed about your future career. Now it's time to create a plan and turn that dream into a goal! Curriculum: eDynamic

**History of the Holocaust (9180-04)**      9180      5 Credits      Electives           no      none

## Description:

"For the dead and the living, we must bear witness." Discover the harrowing details of the history of the rise of anti-Semitism that contributed to the start of the Holocaust and the power of the Nazi party. Learn of the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II, and what has been done since to combat genocide. Curriculum: eDynamic

**Hospitality & Tourism 1 (8000-01)**      8000      5 Credits      CTE      GO      yes      none

## Description:

Where is your dream travel destination? Now imagine working there! You'll be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around leisure and travel, spotting trends, and planning events are just a few of the key aspects you will explore within this exciting field. Curriculum: eDynamic

**Hospitality & Tourism 2 A (8030-01)**      8030      5 Credits      CTE      GO      yes      none

## Description:

Are you a people person? Then hospitality may be the field for you! Learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. Discover trends and technology that makes each industry exciting and innovative. Explore a variety of interesting job options from Front Desk and Concierge services to Maître d and food service. Curriculum: eDynamic

**Hospitality & Tourism 2 B (8031-03)**      8031      5 Credits      CTE      GO      yes      none

## Description:

Embark on your journey to becoming a manager in the hotel or restaurant industry by gaining knowledge and developing a variety of skills. Learn about different management styles, laws, and regulations that govern hotels and

restaurants as well as how to develop job descriptions and business plans. You'll also explore how to create menus, advertise vacancies, perform interviews, and understand the financials of the hotel or restaurant. Curriculum: eDynamic

**Human and Social Services 1 (7950-02)** 7950 5 Credits CTE GO yes none

Description:

Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. Explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you. Curriculum: eDynamic

**Human Geography (9180-07)** 9180 5 Credits Electives GO no none

Description:

Modern humans have been roaming the Earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs, beliefs, and lifestyles? Learn how diverse people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Let's explore the important relationship between humans and their environments. Curriculum: eDynamic

**Human Resources Principles A (7421-03)** 7421 5 Credits CTE GO yes none

Description:

This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create a recruiting plan, develop a strategy to promote a positive organizational culture, and analyze the impact of globalization on the human resources. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Curriculum: Apex Learning

**Human Resources Principles B (7421-04)** 7421 5 Credits CTE GO yes none

Description:

This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create a recruiting plan, develop a strategy to promote a positive organizational culture, and analyze the impact of globalization on the human resources. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Curriculum: Apex Learning

**Independent Study PE (9316-1)** 9316 5 Credits Physical Education no none

Description:

No description available

**Independent Study VAPA (9228-1)** 9228 5 Credits VAPA no none

Description:

No description available

**Information Technology Applications (8100-02)** 8100 5 Credits CTE GO yes none

Description:

Information Technology Applications prepares students to work in the field of Information Technology. Students will be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. Through a series of hand-on activities, students will learn what to expect in the field of Information Technology and begin exploring career options in the field Curriculum: Apex Learning

**Integrated Mathematics I A (9241-1)** 9241 5 Credits Mathematics no none

Description:

Integrated Mathematics I builds students' command of geometric knowledge and linear and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include relationships between quantities; linear and exponential relationships; reasoning with equations; descriptive statistics; congruence, proof, and constructions; and connecting algebra and geometry through coordinates. Curriculum: Apex Learning

**Integrated Mathematics I B (9241-2)** 9241 5 Credits Mathematics no none

## Description:

Integrated Mathematics I builds students' command of geometric knowledge and linear and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include relationships between quantities; linear and exponential relationships; reasoning with equations; descriptive statistics; congruence, proof, and constructions; and connecting algebra and geometry through coordinates. Curriculum: Apex Learning

**Integrated Mathematics II A (9242-1)** 9242 5 Credits Mathematics no none

## Description:

Integrated Mathematics II extends students' geometric knowledge and introduces them to quadratic expressions, equations, and functions, exploring the relationship between these and their linear and exponential counterparts. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include extending the number system; quadratic functions and modeling; expressions and equations; applications of probability; similarity, right-triangle trigonometry, and proof; and circles with and without coordinates. Curriculum: Apex Learning

**Integrated Mathematics II B (9242-2)** 9242 5 Credits Mathematics no none

## Description:

Integrated Mathematics II extends students' geometric knowledge and introduces them to quadratic expressions, equations, and functions, exploring the relationship between these and their linear and exponential counterparts. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations. Course topics include extending the number system; quadratic functions and modeling; expressions and equations; applications of probability; similarity, right-triangle trigonometry, and proof; and circles with and without coordinates. Curriculum: Apex Learning

**Integrated Mathematics III A (9243-1)** 9243 5 Credits Mathematics no none

## Description:

This course supports all students as they simultaneously develop computational fluency, deepen conceptual understanding, and apply mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of state assessments. Curriculum: Apex Learning

**Integrated Mathematics III B (9243-2)** 9243 5 Credits Mathematics no none

## Description:

This course supports all students as they simultaneously develop computational fluency, deepen conceptual understanding, and apply mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of state assessments. Curriculum: Apex Learning

**Interior Design (7820-01)** 7820 5 Credits CTE GO yes none

## Description:

Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily. Curriculum: eDynamic

**International Business (7430-01)** 7430 5 Credits CTE GO yes none

## Description:

With the evolution of technology, our world is more connected than ever before, and the business community today is larger than ever. Gain the knowledge, skills, and appreciation to live and work in the global marketplace. You'll begin to understand how both domestic and international businesses are affected by economic, social, cultural, political, and legal factors and what it takes to become a true manager of global business in the 21st century. Curriculum: eDynamic

**Introduction to Art (9000-05)** 9000 5 Credits Electives no none

## Description:

No description available

<b>Introduction to Business &amp; Technology A (7410-06)</b>	7410	5 Credits	CTE	GO	yes	none
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## Description:

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

<b>Introduction to Business &amp; Technology B (7411-10)</b>	7411	5 Credits	CTE	GO	yes	none
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## Description:

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

<b>Introduction to Networking 1 A (8120-01)</b>	8120	5 Credits	CTE	GO	yes	none
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## Description:

What would happen if we didn't have the internet? The internet is one example of a network, so you can only imagine why networking careers are essential. Start exploring the fundamentals of networking, learning about the different parts of a computer and hardware, network operating systems, and understanding how common network devices can be connected. You'll get hands-on to explore different types of cables used to create networks – and even make cables in Wired Networking activities. Get started with your introduction to networking! Curriculum: eDynamic

<b>Introduction to Networking 1 B (8121-02)</b>	8121	5 Credits	CTE	GO	yes	none
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## Description:

Network administrators are responsible for the oversight of an organization's computer network. This includes installing hardware and software but also relies on considerable technical skills to resolve network issues. Discover how to set up a network, troubleshoot problems, monitor network security, infrastructure, performance, and contribute to creating policies and procedures. As a network admin, you'll help keep businesses safe and running correctly. Curriculum: eDynamic

<b>Introduction to Programming 1 A (8130-01)</b>	8130	5 Credits	CTE	GO	yes	none
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## Description:

Have you ever wondered how your favorite software is created? Explore the software development life cycle from start to finish while developing your own programming skills with Python. Explore the power of data and algorithms along with their influence on the world. Launch yourself into the endless possibilities a career as a programmer can bring you! Curriculum: eDynamic

<b>Introduction to Programming 1 B (8131-02)</b>	8131	5 Credits	CTE	GO	yes	none
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## Description:

Dig deeper and expand your knowledge as you discover how programming can solve a vast array of problems. Plan and develop a problem-solving program while performing testing, debugging, and quality assurance procedures. Design and plan your own app as part of your capstone project to give you a thorough introduction to the world of programming. Curriculum: eDynamic

<b>Journalism 1 A (9109-01)</b>	9109	5 Credits	Electives		no	none
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## Description:

Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field. Curriculum: eDynamic

<b>Journalism 1 B (9109-02)</b>	9109	5 Credits	Electives	GO	no	none
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## Description:

Journalists are asked to tell the world a story every single day—and their job is, to tell the truth. Learn how to choose a topic, structure your story, research facts, hone your observational skills, and write an article following journalism tradition. Go beyond the print world and discover how journalism can lead to exciting careers that will put you right in the action. Curriculum: eDynamic

**Language Arts - Secondary SDC (HS-SDC-LA)** 1000 0 Credits English no none

Description:  
No description available

**Language Development 11-12 A (9104-3A)** 9104 5 Credits no none

Description:  
No description available

**Language Development 11-12 B (9104-3B)** 9104 5 Credits no none

Description:  
No description available

**Language Development 9-10 A (9104-2A)** 9104 5 Credits Electives no none

Description:  
No description available

**Language Development 9-10 B (9104-2B)** 9104 5 Credits Electives no none

Description:  
No description available

**Law & Order (8430-03)** 8430 5 Credits CTE yes none

Description:  
Imagine if there were no laws and people could do anything they wanted. Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Explore the importance of laws and how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you'll learn to appreciate the larger legal process and how it safeguards us all. Curriculum:eDynamic

**Learning in a Digital World: Digital Citizenship (9214-01)** 9214 5 Credits Electives GO no none

Description:  
We use technology to communicate with friends and family, find never-ending entertainment options and do our schoolwork. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts. Curriculum: eDynamic

**Learning Lab A (LLHSA)** 9217 2.5 Credits Electives no none

Description:  
No description available

**Learning Lab B (LLHSB)** 9217 2.5 Credits Electives no none

Description:  
No description available

**Legal Admin Specialist 1 A (8431-07)** 8431 5 Credits CTE GO yes none

Description:  
Do you picture yourself working in a law office or maybe even in a courtroom someday? A rewarding career as a legal administrator means you are responsible for the day-to-day operations in a law firm, and therefore, need to learn the fundamentals of law. You'll need to understand the specifics of researching, creating, processing, filing legal documents, and more. Jumpstart your career in law by learning what it takes to be a legal admin. Curriculum: eDynamic

**Legal Admin Specialist 1 B (8432-02)** 8432 5 Credits CTE GO yes none

## Description:

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

**Legal Environment of Business A (8431-01)** 8431 5 Credits CTE GO yes none

## Description:

Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law. Students also explore the impact of laws, regulations, and judicial decisions on society at large. Curriculum: Apex Learning

**Legal Environment of Business B (8431-02)** 8431 5 Credits CTE GO yes none

## Description:

Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law. Students also explore the impact of laws, regulations, and judicial decisions on society at large.. Curriculum: Apex Learning

**Life Skills (9220-4)** 9220 5 Credits Electives GO no none

## Description:

Life Skills courses typically cover topics such as defining personal values, goal-setting and planning, making decisions and solving problems, evaluating information and dealing with media and peer pressure, communication and relationships, decision making, wellness and personal safety, and contributing to your community. Life Skills courses present students with an opportunity to increase student knowledge and ability in skills necessary for everyday living.

**Management 1 A (7400-03)** 7400 5 Credits CTE GO yes none

## Description:

From the shift managers at small businesses to the CEOs of large companies, effective management is key to any organization's success. Explore foundational management concepts such as leadership, managing teams, entrepreneurship, global business, finance, and technology and innovation. Engage in a capstone that pulls all of the concepts you've learned together, allowing you to see how management ideas can be applied to a business case study. Get started with learning the fundamentals of successful management. Curriculum: eDynamic

**Management 1 B (7411-09)** 7411 5 Credits CTE GO yes none

## Description:

Every business and company needs management of some type. But what skills must you master in order to become an effective professional? Explore the ins and outs of this career, the responsibilities businesses have towards customers, and hiring the right employees. Gain an understanding of human resources (HR) to ensure job satisfaction and take action to ensure that all rules and laws are being followed. Learn how to become an effective manager in any field. Curriculum: eDynamic

**Manufacturing (8240-01)** 8240 5 Credits CTE GO yes none

## Description:

Have you ever wondered how products make it to store shelves? Goods we purchase must go through a manufacturing process before they can be marketed and sold. Learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will plan your own manufacturing process and create an entirely original product! See how exciting, creative, and practical this industry can be. Curriculum: eDynamic

**Marine Science A (9341-1)** 9341 5 Credits Life Science D no none

## Description:

No description available

**Marine Science B (9341-2)** 9341 5 Credits Life Science D no none

## Description:

No description available

**Marketing 2 A (8310-04)** 8310 5 Credits CTE GO yes none

## Description:

Can you think of a brand that first launched in the U.S. and then became popular in other countries? Facebook™ did this very thing! Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. Discover how business and marketing works around the world. You'll learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more. Curriculum: eDynamic

**Marketing 2 B (8311-01)**      8311      5 Credits    CTE      GO      yes      none

Description:

How does a business make money? If you said sales, then you're right! This course explores the secrets to sales. You'll learn expectations, best practices, sales planning, building a clientele that becomes long-term buyers, and how to stay motivated to sell, sell, sell! If sales management is your goal, you'll learn about management styles, how to find, hire, train, motivate, and compensate your team. Curriculum: eDynamic

**Marketing Foundations 1 A (8300-03)**      8300      5 Credits    CTE      GO      yes      none

Description:

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

**Marketing Foundations 1 B (8310-07)**      8310      5 Credits    CTE      GO      yes      none

Description:

Dig deeper into the world of marketing and what it means for business success! Become a marketing mix pro by studying understanding branding, advertising, promotion strategies, and more, through real-world applications and practices. And explore the secrets of advertising and promotion. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field! Curriculum: eDynamic

**Math Foundations 1 A (9245-1)**      9245      5 Credits    Electives      no      none

Description:

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

**Math Foundations 1 B (9245-2)**      9245      5 Credits    Electives      no      none

Description:

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

**Math Foundations 2 A (9245-3)**      9245      5 Credits    Electives      no      none

Description:

Based on the NCTM Curricular Focal Points, Math Foundations II is designed to expedite student progress in acquiring 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as middle school curriculum. The program simultaneously builds the computational skills and conceptual understanding needed to undertake high school-level math courses with confidence. The course's carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts. Curriculum: Apex Learning

**Math Foundations 2 B (9245-4)**      9245      5 Credits    Electives      no      none

Description:

Based on the NCTM Curricular Focal Points, Math Foundations II is designed to expedite student progress in acquiring 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as middle school curriculum. The program simultaneously builds the computational skills and conceptual understanding needed to undertake high school-level math courses with confidence. The course's carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies for honing their problem-solving skills.



Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts. Curriculum: Apex Learning

**Math - Secondary SDC (HS-SDC-M)** 1000 0 Credits Mathematics no none

Description:  
No description available

**Media Literacy (9060-4)** 9060 5 Credits Electives no none

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

**Medical Assistant 1 A (7920-07)** 7920 5 Credits CTE GO yes none

Description:  
It takes a strong team to offer top-notch patient care, and each team member plays in integral role. Are you a team player interested in coordinating patient care? Then a career as a medical assistant may be right for you! In this course, you will acquire medical terminology, investigate anatomy and physiology, learn keys to professionalism in an office setting, and explore office roles while building a professional portfolio. Let's learn what it takes to fill the important shoes of a medical assistant today! Curriculum: eDynamic

**Medical Assistant 1 B (7921-12)** 7921 5 Credits CTE GO yes none

Description:  
It's time to grab your latex gloves and snap them back into place so you can get a deeper look into the world of medical assisting! In this course, you'll explore patient care and procedures, testing and care coordination, pharmacology and safety, and reimbursement and the law. You'll also narrow your areas of interest so you can better determine what type of medical assisting may be best for you. Are you ready to continue on the road to medical assisting? Grab your lab coat and let's get going! Curriculum: eDynamic

**Medical Diagnostic Technology 1 A (7921-10)** 7921 5 Credits CTE GO yes none

Description:  
Have you ever wondered how a health professional knows how to diagnose an illness? Or what medications to prescribe to a patient depending on the person's body and their signs and symptoms? Learn about different diagnostic technology used and essential body systems and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness. This career field is flourishing, and now is the time to be part of it! Curriculum: eDynamic

**Medical Diagnostic Technology 1 B (7921-11)** 7921 5 Credits CTE GO yes none

Description:  
It's time to grab your latex gloves and snap them back into place so you can get a deeper look into the world of medical assisting! In this course, you'll explore patient care and procedures, testing and care coordination, pharmacology and safety, and reimbursement and the law. You'll also narrow your areas of interest so you can better determine what type of medical assisting may be best for you. Are you ready to continue on the road to medical assisting? Grab your lab coat and let's get going! Curriculum: eDynamic

**Medical Lab Assisting 1 A (7920-08)** 7920 5 Credits CTE GO yes none

Description:  
Getting to the root of medical issues and uncovering ailments is the core of the medical field. Are you drawn to the idea of being part of a team who helps identify diseases and health-related issues? Then the role of a medical lab assistant may be for you! In this course, you will learn what it takes to become a skilled medical lab assistant including understanding medical ethics, communicating with patients, performing blood draws and managing specimens, lab safety, and potential career paths! Grab your lab coat and latex gloves, and let's draw some new knowledge to help others! Curriculum: eDynamic

**Medical Lab Assisting 1 B (7921-07)** 7921 5 Credits CTE GO yes none

Description:  
You've pulled back the patient curtain and have learned the basics of the world of a medical assistant. Now, it's time to dig deeper and peer into the anatomy of the role so you can determine which type of medical assistant best suits you. In this course, you will learn more about patient care and procedures, testing and care coordination, pharmacology and safety, reimbursement, and the law. You will also narrow your own areas of interest, research organizations to shadow, and ultimately prepare for certification. Throw that curtain wide open, and let's continue the pursuit of a medical assistant! Curriculum: eDynamic

<b>Medical Office Administration 1 A (7930-01)</b>	7930	5 Credits	CTE	GO	yes	none
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## Description:

Caring for a patient takes more than a medical degree: it takes a team! In this course, you will build your knowledge of medical terminology, medical office processes, the technology that keeps an office humming, and the laws that keep it operating ethically. You'll also explore different office roles all while building the beginnings of a portfolio. Let's march through the waiting room and throw open the doors to a career as a Medical Office Admin today! Curriculum: eDynamic

<b>Medical Office Administration 1 B (7931-01)</b>	7931	5 Credits	CTE	GO	yes	none
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## Description:

You have learned some of the basics of what it takes to become a successful medical office administrator, and now, it's time to grow your understanding even further! In this course, you will complete a deeper dive about the variety of roles available in the medical office along with the skills needed to not only run the front of the office but to excel in the position as well. Finally, you'll focus on you and how to apply all that you've learned to get your foot in the door to begin a career in medical office administration. Let's get started! Curriculum: eDynamic

<b>Medical Terminology 1 A (7921-04)</b>	7921	5 Credits	CTE	GO	yes	none
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## Description:

Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. Build your proficiency and confidence with this course and prepare yourself for a career in health sciences Curriculum: eDynamic

<b>Medical Terminology 1 B (7921-1)</b>	7921	5 Credits	CTE	GO	yes	none
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## Description:

Discover the medical terminology associated with even more body systems to increase your ability to master prefixes, suffixes, and roots. Connect this language to real-world patients and clinical settings through practical applications and specific scenarios. Launch your health knowledge with detailed medical terms. Curriculum: eDynamic

<b>Microsoft Excel (7411-05)</b>	7411	5 Credits	CTE		yes	Business & Finance
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## Description:

Discover the real-world uses of Microsoft Excel and its impact on business, academic, and personal applications. Move from inserting and manipulating data, to working with tables, charts, graphs, and calculations. Content of this course will also be applicable to the Microsoft Office Suite certification exam. Curriculum: eDynamic

<b>Microsoft Office Specialist - PowerPoint (7411-04)</b>	7411	5 Credits	CTE		yes	Business & Finance
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## Description:

No description available

<b>Microsoft Outlook (7411-06)</b>	7411	5 Credits	CTE		yes	none
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## Description:

Master your email and learn about Outlook's functions to produce professional communications, helping you to succeed in business and in life. Understand effective communication techniques, working with attachments, formatting, replying, and organizing. Be prepared for your day with other features such as calendars, contacts, and tasks. Content of this course will also be applicable to the Microsoft Office Suite certification exam. Curriculum:eDynamic

<b>Microsoft Powerpoint (7411-07)</b>	7411	5 Credits	CTE		yes	none
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## Description:

Learn to create clean and professional presentations while also building your skills as a speaker, leader, and marketer! Create and format presentations while inserting multimedia, images, transitions, and animations to make a dynamic final product! Content of this course will also be applicable to the Microsoft Office Suite certification exam. Curriculum: eDynamic

<b>Microsoft Word (7411-08)</b>	7411	5 Credits	CTE		yes	none
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## Description:

Learn to effectively and efficiently use one of the most common tools of business, school, and personal correspondence! Discover how to format and style documents using fonts, colors and editing tools, create tables, use bullets and numbering, and insert images. Skills you learn in this course can be applied immediately and prepares you to take the MOS Word certification exam, and content is applicable to the Microsoft Office Suite certification exam. Curriculum: eDynamic

**Military Careers (9228-3)** 9228 5 Credits Electives no none

## Description:

Do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine. You will learn about the five military branches – Air Force, Army, Coast Guard, Marines Corps, and Navy – and examine which jobs you might like to pursue. From aviation to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment. Curriculum: eDynamic

**Music Appreciation A (9295-1)** 9295 5 Credits VAPA F no none

## Description:

Music Appreciation introduces students to the history, theory, and genres of music, from the most primitive surviving examples through the classical to the most contemporary in the world at large. The course is offered in a two-semester format. The first semester covers primitive musical forms and classical music. The second semester presents the rich modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop. The course explores the interface of music and social movements and examines how the emergent global society and the Internet bring musical forms together in new ways from all around the world. Curriculum: Apex Learning

**Music Appreciation B (9295-2)** 9295 5 Credits VAPA F no none

## Description:

Music Appreciation introduces students to the history, theory, and genres of music, from the most primitive surviving examples through the classical to the most contemporary in the world at large. The course is offered in a two-semester format. The first semester covers primitive musical forms and classical music. The second semester presents the rich modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop. The course explores the interface of music and social movements and examines how the emergent global society and the Internet bring musical forms together in new ways from all around the world. Curriculum: Apex Learning

**Mythology & Folklore (9112-2)** 9112 5 Credits Electives GO no none

## Description:

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today. Curriculum: eDynamic

**National Security (8411-03)** 8411 5 Credits CTE GO yes none

## Description:

Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. Learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Discover the requirements of our nation's most demanding career. Curriculum: eDynamic

**Network Security Fundamentals 1 A (8120-02)** 8120 5 Credits CTE GO yes none

## Description:

Have you seen news headlines about cyber data breaches or hacks? With so many businesses working hard to ensure that their data and their customers' information stay safe and secure, it's no wonder that careers in cybersecurity are in high demand. Learn what information security is, hackers, viruses, spyware, network systems, identifying potential vulnerabilities, protecting against attacks, and creating a disaster and response plan if breaches do occur. Could you be the security specialist that stops the next cyberattack? Curriculum: eDynamic

**Network Security Fundamentals 1 B (8121-01)** 8121 5 Credits CTE GO yes none

## Description:

As the world becomes increasingly more interconnected by technology, computer and mobile-based crimes are becoming more prevalent. Explore cyber forensics, encryption, cryptography and cryptology, user and password management to mitigate large data breaches, and other threats, vulnerabilities, and security issues. Discover what it takes to enter this high-demand career field. As a cybersecurity specialist, you'll never get bored with trying to keep individuals and organizations safe! Curriculum: eDynamic

**Nursing Assistant 1 A (7920-1)** 7920 5 Credits CTE GO yes none

## Description:

If you ever wanted a career that is centered around the care of others and that directly impacts the most vulnerable populations, then it's time to explore what it means to be a Nursing Assistant. This role can be the first step on your nursing career ladder or into other healthcare positions. Learn career options, ethical and legal responsibilities, anatomy and physiology, patient care, and safety. Discover what it takes to start your journey into this highly needed field. Curriculum: eDynamic

**Nursing Assistant 1 7921** 5 Credits CTE GO yes none  
**B (7921-08)**

## Description:

As a Nursing Assistant, you are heavily involved in the care of your patients. But what does a typical day look like? How do you care for your patients during your shift? From hospital settings to home health care, from pre- and postoperative to rehabilitation. Discover how best to communicate and work with your team to ensure a safe environment, prevent and control infectious diseases, advocate for your patient's rights, and provide appropriate care – even for the most complex patient needs. Curriculum: eDynamic

**Nutrition & Wellness (7510-01)** 7510 5 Credits CTE GO yes none

## Description:

To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness. Curriculum: eDynamic

**Office Administration 1 A (7400-06)** 7400 5 Credits CTE GO yes none

## Description:

Businesses worldwide and across every industry are always on the lookout for highly skilled administrative professionals to help their business be successful and thrive. Explore what it means to have effective verbal and written communication, speaking, and listening skills to work with diverse people and teams. Then dive into learning how to leverage various technology and software businesses use to stay connected and productive. Curriculum: eDynamic

**Office Administration 1 B (7410-03)** 7410 5 Credits CTE GO yes Business & Finance

## Description:

You have learned some of the skills that an administrative professional must possess, but now it's time to take those skills to the next level! You will explore the responsibilities of an administrative professional to understand what a typical workday looks like and even what goes into searching for an administrative professional role: searching, applying, and (the most exciting part!) securing. Do you love the idea of being the glue in a successful business, helping everything run smoothly and properly? Then let's continue your journey into the career of an administrative professional! Curriculum: eDynamic

**Operational Cybersecurity 1 A (8110-02)** 8110 5 Credits CTE GO yes none

## Description:

Even when we use the strongest bricks, Firewalls can be breached and other security measures can be exploited by malicious cyberattackers. In this course, you will assume your role as Chief Information Security Officer (CISO) responsible for a data network's design, maintenance, and end-user training. You will explore essentials of keeping networks safe and secure through the use of cryptology, keys, and certificates before moving into the important practice of risk assessment. In the end, your attention will shift to mitigating and managing identified risks and working with key stakeholders to improve the organization's security posture and disaster response. Are you ready to help businesses protect personal information and outsmart cyber attackers? Grab your white hat, BYOD, and let's get started! Curriculum:eDynamic

**Operational Cybersecurity 1 B (8111-02)** 8111 5 Credits CTE GO yes none

## Description:

More and more, companies are under attack by malicious cyber attackers compromising the security of sensitive employee, customer, and societal data. In this course, you will dive into data security in the workplace and will learn ways to mitigate cyber threats that lurk in dark corners. You will step into the familiar shoes of CISO, this time at a startup company, making decisions about access and authentication protocols, security planning, and expanding the business in a safe way. Lastly, you will explore real-world security breaches, how they were solved, and step-by-step instructions to setup robust security policies. Let's continue forging your cybersecurity stronghold against cyber attackers and keep sensitive data secure. Curriculum:eDynamic

**Peer Counseling (7960-01)** 7960 5 Credits CTE GO yes none

## Description:

Are you a great listener and love to help people achieve their goals? The role of a peer counselor is a rewarding one. Learn the skills of observation, listening, and emphatic communication that counselors need, while also discovering basic training in conflict resolution and group leadership. You'll learn how to be a great peer counselor, but also how to communicate effectively in personal and work relationships. Curriculum: eDynamic

**Personal and Family Finance (9220-1)** 9220 5 Credits Electives GO no none

## Description:

We all know money is essential in life, and the financial decisions you make today may have a lasting effect on your future. Explore how to spend and save your money wisely, and learn key financial concepts around taxes, credit, and money management. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable. Curriculum: eDynamic

**Personal Communication (9228-2)** 9228 5 Credits Electives no none

## Description:

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 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. Curriculum: Apex Learning

**Personal Fitness (9160-03)** 9160 5 Credits Electives no none

## Description:

What does being fit really mean? It's not only about losing weight. Being fit is about living life to the fullest and making the most of what you have yourself! You'll learn about body functions, safety, diet, goals, and strategies for longevity. Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge. Curriculum: eDynamic

**Personal Psychology 1 (9177-03)** 9177 5 Credits Electives no none

## Description:

Get ready to delve into some of life's biggest questions and begin the journey to uncovering those answers for yourself! In this course, you'll explore the broad scope of psychology from biology's impact on our psychological makeup to society's impact on who we become. You'll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You'll also explore clinical psychology and how people find treatment. Let's begin the journey to discovery today! Curriculum: eDynamic

**Personal Psychology 2 (9177-04)** 9177 5 Credits Electives no none

## Description:

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

**Pharmacology 1 A (7900-05)** 7900 5 Credits CTE yes none

## Description:

If you ever thought about pursuing a gratifying career in biomedical sciences, pharmacology is a must. Pharmacology is the fascinating study of the chemistry, origins, and types of medications. Whether you plan on going into medicine, nursing, dentistry, veterinary medicine, or pharmacy, you'll need to learn the effects of medicines on different biological systems, appropriate dosages, and how the body responds to different medications. Curriculum: eDynamic

**Pharmacology 1 B (7900-06)** 7900 5 Credits CTE yes none

## Description:

When implemented with care, medicine can cure illnesses and even save lives, but when distributed incorrectly, therapeutics can cause great harm. In this course, you will delve deeper into the study of medicine and treatments available to patients. You will learn about available medications for specific diseases, the way therapeutics work in the body, different drug classifications, the law behind administering drugs, and what a Pharmacy career can look like. Are you ready to continue injecting your brain with essential knowledge for a career in the medical field? Let's continue your journey of care. Curriculum: eDynamic

**Philosophy (9178-01)** 9178 5 Credits Electives no none

## Description:

Have you ever thought about 'deep' questions like "Who am I?" "What do I really know about the world?" If so, you're not alone. Philosophers are some of the most brilliant and influential thinkers, some of whom have influenced many of our fundamental ideas in Western civilization, such as government, law, and society. Learn about famous philosophers and explore some of the same questions these great thinkers pondered. Curriculum: eDynamic

**Physical Education A / Health (9314-1)** 9314 5 Credits Physical Education no none

## Description:

Health and PE combines instruction in health and physical education in a full-year, integrated course. It focuses on developing skills, habits and attitudes to maintain a healthy lifestyle and applying lessons learned to physical fitness. Through active participation and real-world simulations, the course aims to demonstrate firsthand the value of conscientious lifestyle management. Curriculum: Apex Learning

**Physical Education 9314** 5 Credits Physical no none  
**B (9314-2)** Education

## Description:

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

**Physical Education:9316** 5 Credits Physical no none  
**Health (9316-Hlth)** Education

## Description:

No description available

**Physical Education:9316** 5 Credits Physical no none  
**Movement Studies** Education  
**(9316-Move)**

## Description:

No description available

**Physical Education:9316** 5 Credits Physical no none  
**Nutrition (9316-** Education  
**Nutri)**

## Description:

No description available

**Physical Education:9316** 5 Credits Physical no none  
**Physical Activity** Education  
**and the Brain (9316-**  
**Phys)**

## Description:

No description available

**Physical Education:9316** 5 Credits Physical no none  
**Sports Study (9316-** Education  
**Sport)**

## Description:

No description available

**Physical Science A 9323** 5 Credits Physical no none  
**(9323-1)** Science

## Description:

Physical Science offers a focused curriculum designed around the understanding of foundational physical science concepts, including the nature of matter, energy, and forces, as well as the application of scientific and engineering practices. Course topics include energy, forces, electromagnetism, waves, matter, chemical reactions, and nuclear reactions. Teacher-scored labs encourage students to apply the scientific method. Curriculum: Apex Learning

**Physical Science B 9323** 5 Credits Physical no none  
**(9323-2)** Science

## Description:

Physical Science offers a focused curriculum designed around the understanding of foundational physical science concepts, including the nature of matter, energy, and forces, as well as the application of scientific and engineering practices. Course topics include energy, forces, electromagnetism, waves, matter, chemical reactions, and nuclear reactions. Teacher-scored labs encourage students to apply the scientific method. Curriculum: Apex Learning

**Physics A (9326-1)** 9326 5 Credits Physical D no none  
Science

## Description:

Throughout this course, students are given opportunities to understand how physics concepts are applied in technology and engineering. Practice activities provide additional opportunities for students to apply learned concepts and practice their writing skills. Exploration activities challenge Honors students to deconstruct scientific claims, analyze scientific articles, and suggest follow-up experiments or topics for further research. Finally, Project activities allow Honors students to use scientific process skills to delve deeper into topics. This course is built to state standards, the American Association for the Advancement of Science (AAAS) Project 2061 benchmarks, and the National Science Education Standards (NSES). Curriculum: Apex Learning

**Physics B (9326-2)** 9326 5 Credits Physical D no none  
Science

## Description:

Throughout this course, students are given opportunities to understand how physics concepts are applied in technology and engineering. Practice activities provide additional opportunities for students to apply learned concepts and practice their writing skills. Exploration activities challenge Honors students to deconstruct scientific claims, analyze scientific articles, and suggest follow-up experiments or topics for further research. Finally, Project activities allow Honors students to use scientific process skills to delve deeper into topics. This course is built to state standards, the American Association for the Advancement of Science (AAAS) Project 2061 benchmarks, and the National Science Education Standards (NSES). Curriculum: Apex Learning

<b>Physics of the Universe A (9333-1)</b>	9333	5 Credits	Physical Science	D	no	none
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## Description:

Physics of the Universe integrates physics with Earth and space science. Throughout the course, students apply fundamental physics concepts to better understand the impact of human activities on Earth's systems and how forces, energy, and matter interact throughout the universe. Course topics include electricity and magnetism, energy consumption and resources, dynamics, momentum and gravitation, waves, cosmology, and an exploration of Earth's physical systems.

<b>Physics of the Universe B (9333-2)</b>	9333	5 Credits	Physical Science	D	no	none
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## Description:

Physics of the Universe integrates physics with Earth and space science. Throughout the course, students apply fundamental physics concepts to better understand the impact of human activities on Earth's systems and how forces, energy, and matter interact throughout the universe. Course topics include electricity and magnetism, energy consumption and resources, dynamics, momentum and gravitation, waves, cosmology, and an exploration of Earth's physical systems.

<b>Plant &amp; Soil Science 1 (7171-01)</b>	7171	5 Credits	CTE		yes	none
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## Description:

No description available

<b>Plant &amp; Soil Science 2 (7171-04)</b>	7171	5 Credits	CTE		yes	none
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## Description:

No description available

<b>Pre-Algebra A (9248-1)</b>	9248	5 Credits	Mathematics		no	none
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## Description:

Pre-Algebra provides a curriculum focused on foundational concepts that prepare students for success in Algebra I. Through a "Discovery-Confirmation-Practice"-based exploration of basic concepts, students are challenged to work toward a mastery of computational skills, to deepen their understanding of key ideas and solution strategies, and to extend their knowledge through a variety of problem-solving applications. Course topics include integers; the language of algebra; solving equations with addition, subtraction, multiplication, and division; fractions and decimals; measurement; exponents; solving equations with roots and powers; multi-step equations; and linear equations. Curriculum: Apex Learning

<b>Pre-Algebra B (9248-2)</b>	9248	5 Credits	Mathematics		no	none
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## Description:

Pre-Algebra provides a curriculum focused on foundational concepts that prepare students for success in Algebra I. Through a "Discovery-Confirmation-Practice"-based exploration of basic concepts, students are challenged to work toward a mastery of computational skills, to deepen their understanding of key ideas and solution strategies, and to extend their knowledge through a variety of problem-solving applications. Course topics include integers; the language of algebra; solving equations with addition, subtraction, multiplication, and division; fractions and decimals; measurement; exponents; solving equations with roots and powers; multi-step equations; and linear equations. Curriculum: Apex Learning

<b>Pre-Calculus A (9257-1)</b>	9257	5 Credits	Mathematics		no	none
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## Description:

Precalculus Honors is a comprehensive course that weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers. Curriculum: Apex Learning

<b>Pre-Calculus B (9257-2)</b>	9257	5 Credits	Mathematics		no	none
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## Description:

Precalculus Honors is a comprehensive course that weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to

new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers. Curriculum: Apex Learning

**Principles of Agriculture, Food & Natural Resources (7130-01)** 7130 5 Credits CTE GO yes none

Description:

Did you know that the world's population could be 11 billion people by 2050? With a growing population, how do we keep everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Gain a stronger sense of how we can maximize the foods and natural resources the earth provides. Learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world. Curriculum:eDynamic

**Principles of Business, Marketing & Finance A (8310-01)** 8310 5 Credits CTE GO yes none

Description:

Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the market place, as well as understanding product placement and promotion. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends. Curriculum: Apex Learning

**Principles of Business, Marketing & Finance B (8310-02)** 8310 5 Credits CTE GO yes none

Description:

Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the market place, as well as understanding product placement and promotion. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends. Curriculum: Apex Learning

**Principles of Health Science A (7920-01)** 7920 5 Credits CTE GO yes none

Description:

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

**Principles of Health Science B (7921-03)** 7921 5 Credits CTE GO yes none

Description:

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

**Principles of Information Technology A (7410-08)** 7410 5 Credits CTE GO yes none

Description:

Principles of Information Technology prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. Curriculum: Apex Learning



<b>Principles of Information Technology B (7411-01)</b>	7411	5 Credits	CTE	GO	yes	none
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## Description:

Principles of Information Technology prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software.

Curriculum: Apex Learning

<b>Principles of Public Service (8400-01)</b>	8400	5 Credits	CTE		yes	none
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## Description:

Public service is a field that focuses on building a safe and healthy world, and you'll explore the many different career choices that are imperative to our comfort and success as a society. The protection of society is not only one of our greatest challenges, but it also provides ways for people to work together to ensure safety and provide indispensable services. If you have ever contemplated being one of these real-life heroes, now is the time to learn more! Curriculum:

eDynamic

<b>Programming 2 A (8131-01)</b>	8131	5 Credits	CTE	GO	yes	none
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## Description:

Congratulations; you're speaking a different language! A programming language that is. But do you want to learn more? Discover the most popular programming languages and what they have to offer the software world. Explore data, algorithms, and objectives and how they are essential to language 'speak'. Learn the software development life cycle and how it can be implemented so you can create projects, such as a prototype for an app you'll code and a working to-do list website. Curriculum: eDynamic

<b>Programming 2 B (8132-02)</b>	8132	5 Credits	CTE	GO	yes	none
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## Description:

Get ready to take your programming abilities to the next level in Programming 2b! You'll start by developing a simple web page using HTML, CSS, and JavaScript and then you'll practice your Python skills, making your own photo editor and sound player! Using API, you'll practice adding a weather widget to a website and you'll ensure page safety using encryption techniques through Python. You'll test, you'll inspect, you'll collaborate, and for your finale, you'll craft a graphical user interface for an app using Python's Tkinter! Let's get ready to program! you'll code and a working to-do list website. Curriculum: eDynamic

<b>Psychology (9177-1)</b>	9177	5 Credits	Electives	GO	no	none
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## Description:

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. Curriculum: Apex Learning

<b>Public Speaking 1 A (9110-01)</b>	9110	5 Credits	Electives		no	none
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## Description:

Do you strive to gain more confidence when speaking in front of people? Learn techniques from famous speakers throughout history while learning what it takes to make a great speech. Develop skills that will serve you well throughout your career and personal life. Curriculum: eDynamic

<b>Public Speaking 1 B (9110-02)</b>	9110	5 Credits	Electives	GO	no	none
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## Description:

Bring your speeches to life by learning about body language, vocal, and other techniques. Learn about logic and reason while gaining the confidence to help create and deliver great presentations and speeches. You will also critically examine your speeches and presentations and those of others to improve upon your in-person and virtual presentation skills. Curriculum: eDynamic

<b>Reading and Writing 1 A (9103-5)</b>	9103	5 Credits	English		no	none
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## Description:

English support courses typically cover topics such as basic language skills and integrate reading, writing, speaking, and listening while emphasizing individual student progress. English support courses present students with the opportunity to build upon their vocabulary, spelling and grammar, writing and composition, reading silently or aloud, and improving listening and comprehension skills. English support courses may take place in a laboratory setting or resource center and course content depends on the students abilities entering the course.

<b>Reading and Writing 1 B (9103-6)</b>	9103	5 Credits	English		no	none
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## Description:

English support courses typically cover topics such as basic language skills and integrate reading, writing, speaking, and listening while emphasizing individual student progress. English support courses present students with the opportunity to build upon their vocabulary, spelling and grammar, writing and composition, reading silently or aloud, and improving listening and comprehension skills. English support courses may take place in a laboratory setting or resource center and course content depends on the students abilities entering the course.

**Reading and Writing 2 A (9103-7)**      9103      5 Credits      English      no      none

## Description:

English support courses typically cover topics such as basic language skills and integrate reading, writing, speaking, and listening while emphasizing individual student progress. English support courses present students with the opportunity to build upon their vocabulary, spelling and grammar, writing and composition, reading silently or aloud, and improving listening and comprehension skills. English support courses may take place in a laboratory setting or resource center and course content depends on the students abilities entering the course.

**Reading and Writing 2 B (9103-8)**      9103      5 Credits      English      no      none

## Description:

English support courses typically cover topics such as basic language skills and integrate reading, writing, speaking, and listening while emphasizing individual student progress. English support courses present students with the opportunity to build upon their vocabulary, spelling and grammar, writing and composition, reading silently or aloud, and improving listening and comprehension skills. English support courses may take place in a laboratory setting or resource center and course content depends on the students abilities entering the course.

**Reading & Writing for Purpose (9102-01)**      9102      5 Credits      Electives      no      none

## Description:

As you move through high school to college or to your career, the types of writing and documents become more high stakes. Real-world information can be journalistic and researched-based articles, legal, insurance, college entrance forms, employment, vehicle-related documents, and more. Learn how to critically read, write, and evaluate real-world writings to set you up for your future success. Curriculum: eDynamic

**Real World Parenting (9213-01)**      9213      5 Credits      Electives      no      none

## Description:

Do you love children? Maybe you plan on babysitting or having your own someday. Learn how being a parent is much more than merely feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are critical aspects. Learn how to be a positive force in the development of your future children, as well as others around you. Curriculum: eDynamic

**Renewable Technologies (7600-01)**      7600      5 Credits      CTE      yes      none

## Description:

Renewable Technologies are becoming increasingly important as concerns about climate change, the use of fossil fuels, and population growth become foremost in the public eye. So, how do we address the world's growing concerns about energy sources? Uncover the development of new energy technologies and explore how recent approaches to renewable technologies unlock the solution needed for a safer, cleaner, and more enduring world. Curriculum: eDynamic

**Restaurant Management (8030-03)**      8030      5 Credits      CTE      yes      none

## Description:

Have you ever dreamed of running your own restaurant? Explore exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step. Curriculum: eDynamic

**Robotics 1 A (8131-03)**      8131      5 Credits      CTE      GO      yes      none

## Description:

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

**Robotics 1 B (8131-04)**      8131      5 Credits      CTE      GO      yes      none

## Description:

The robots have invaded... and they're here to make our lives easier. You've learned about the basics of robotics and STEM careers, but now we're going to learn about manipulating the physical world to create desired effects. In this

course, you'll learn to manipulate electrical signals to create logic and memory, how to quantify the physical world through variables, and how to have an impact through tools. You'll discover how to choose the best tools and materials, how to create AI, and how to take an idea from initial planning to a completed project. Let's continue the pursuit of a career in robotics so the friendly invasion can thrive! Curriculum: eDynamic

**Robotics 2 A (8132- 8132)** 5 Credits CTE yes none  
**03)**

Description:

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

**Robotics 2 B (8132- 8132)** 5 Credits CTE yes none  
**04)**

Description:

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

**Science -** 1000 0 Credits no none  
**Secondary SDC**  
**(HS-SDC-S)**

Description:

No description available

**Secondary SDC** 1000 0 Credits no none  
**(1000-700-4)**

Description:

No description available

**SE Support (9231-1)** 9231 2.5 Credits Electives no none

Description:

No description available

**Social Media (9060- 9060)** 5 Credits Electives no none  
**01)**

Description:

Do you have any social media accounts? Learn the ins and outs of such social media platforms as Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways. Curriculum: eDynamic

**Social Problems 1** 9180 5 Credits Electives no none  
**(9180-05)**

Description:

War, crime, poverty, global warming, healthcare, effects of media, and more. Explore some of the biggest challenges facing our world today and what led to these social problems. What effects do they have on our lives and societies? What possible solutions exist for solving them? Discover what measures you can take to tackle these issues head-on and start to develop your plan of action. Curriculum: eDynamic

**Social Problems 2** 9180 5 Credits Electives no none  
**(9180-06)**

Description:

Sometimes our world is filled with problems. Explore more of the challenges we face as individuals and as a global society and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to homelessness and obesity, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives. Curriculum: eDynamic

**Social Studies -** 1000 0 Credits no none  
**Secondary SDC**  
**(HS-SDC-SS)**

Description:

No description available

**Sociology (9176-1)** 9176 5 Credits Electives GO no none

Description:

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. Curriculum: Apex Learning

**Sociology 1 (9176-02)** 9176 5 Credits Electives no none

Description:

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

**Sociology 2 (9176-03)** 9176 5 Credits Electives no none

Description:

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

**Spanish 1 A (9130-3)** 9130 5 Credits Foreign Language E no none

Description:

Spanish 1 teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the structures and uses of present-tense verb forms, imperatives, adjective agreement, impersonal constructions, formal and informal address, and reflexive verbs. Students explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe. Curriculum: Apex Learning

**Spanish 1 B (9130-4)** 9130 5 Credits Foreign Language E no none

Description:

Spanish 1 teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the structures and uses of present-tense verb forms, imperatives, adjective agreement, impersonal constructions, formal and informal address, and reflexive verbs. Students explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe. Curriculum: Apex Learning

**Spanish 2 A (9131-3)** 9131 5 Credits Foreign Language E no none

Description:

Building on Spanish I concepts, Spanish II students learn to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal situations. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Students expand their vocabulary in topics such as cooking, ecology, geography, and architecture. Instruction in language structure and grammar includes a review of present-tense verb forms, an introduction to the past tense, the conditional mood, imperatives, impersonal constructions, and reported speech. Students deepen their knowledge of Spanish-speaking regions and cultures by learning about history, literature, culture, and contemporary issues. Curriculum: Apex Learning

**Spanish 2 B (9131-4)** 9131 5 Credits Foreign Language E no none

Description:

Building on Spanish I concepts, Spanish II students learn to communicate more confidently about themselves, as well as about topics beyond their own lives - both in formal and informal situations. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Students expand their vocabulary in topics such as cooking, ecology, geography, and architecture. Instruction in language structure and grammar includes a review of present-tense verb forms, an introduction to the past tense, the conditional mood, imperatives, impersonal constructions, and reported speech. Students deepen their knowledge of Spanish-speaking regions and cultures by learning about history, literature, culture, and contemporary issues. Curriculum: Apex Learning

**Spanish 3 A (9132-1)** 9132 5 Credits Foreign Language E no none

Description:

In Spanish III, students build upon the skills and knowledge they acquired in Spanish I and II. The course presents new vocabulary and grammatical concepts in context while providing students with ample opportunities to review and expand upon the material they have learned previously. Students read and listen to authentic materials from newspapers, magazines, and television. The content is focused on contemporary and relevant topics such as urbanization and population growth in Latin American countries, global health concerns, jobs of the future, and scientific advancements. The materials engage students as they improve their command of Spanish. Curriculum: Apex Learning

**Spanish 3 B (9132-2)** 9132 5 Credits Foreign Language E no none

## Description:

In Spanish III, students build upon the skills and knowledge they acquired in Spanish I and II. The course presents new vocabulary and grammatical concepts in context while providing students with ample opportunities to review and expand upon the material they have learned previously. Students read and listen to authentic materials from newspapers, magazines, and television. The content is focused on contemporary and relevant topics such as urbanization and population growth in Latin American countries, global health concerns, jobs of the future, and scientific advancements. The materials engage students as they improve their command of Spanish. Curriculum: Apex Learning

**Sports & Entertainment Marketing 1 A (8310-1)** 8310 5 Credits CTE GO yes none

## Description:

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

**Sports & Entertainment Marketing 1 B (8310-2)** 8310 5 Credits CTE GO yes none

## Description:

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

**Sports Medicine 1 A (7921-09)** 7921 5 Credits CTE GO yes none

## Description:

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

**Sports Medicine 1 B (7922-04)** 7922 5 Credits CTE GO yes none

## Description:

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

**Sports Medicine 2 A (7922-05)** 7922 5 Credits CTE GO yes none

## Description:

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

**Sports Medicine 2 B (7922-06)** 7922 5 Credits CTE GO yes none

## Description:

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

**Statistics & Probability A (9259-1)** 9259 5 Credits Mathematics no none

## Description:

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

**Statistics & Probability B (9259-2)** 9259 5 Credits Mathematics no none

## Description:

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

**Theater, Cinema & Film Production 1 A (9091-01)** 9091 5 Credits VAPA F no none

## Description:

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

**Theater, Cinema & Film Production 1 B (9091-02)** 9091 5 Credits VAPA F no none

## Description:

Lights, camera, action ... take two! Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen. Curriculum:eDynamic

**The Living Earth A (9331-1)** 9331 5 Credits Life Science no none

## Description:

The Living Earth integrates biology with Earth and space science. Throughout the course, students apply fundamental biological concepts to better understand how living systems and Earth's systems are interrelated and interdependent. Course topics include structure and function of living organisms, heredity, genetic variation, natural selection, evolution, the biosphere, types of ecosystems and biomes, the ecology of populations and communities, the effects of change on the biosphere and its parts, the relationship of humans with the environment, and explorations of challenges humans face and sustainable solutions for the future health of Earth and its inhabitants. Curriculum: Apex Learning

**The Living Earth B (9331-2)** 9331 5 Credits Life Science no none

## Description:

The Living Earth integrates biology with Earth and space science. Throughout the course, students apply fundamental biological concepts to better understand how living systems and Earth's systems are interrelated and interdependent. Course topics include structure and function of living organisms, heredity, genetic variation, natural selection, evolution, the biosphere, types of ecosystems and biomes, the ecology of populations and communities, the effects of change on the biosphere and its parts, the relationship of humans with the environment, and explorations of challenges humans face and sustainable solutions for the future health of Earth and its inhabitants. Curriculum: Apex Learning

**The Lord of the Rings (9112-3)** 9112 5 Credits Electives GO no none

## Description:

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

**US Government (9174-1)** 9174 5 Credits Government no none

## Description:

U.S. Government and Politics offers a purposeful curriculum that uses the perspective of political institutions to explore the history, organization, and functions of American government. Students explore the political culture of the United States and gain insight into the challenges faced by presidents, Congress, citizens, and political activists. Coverage focuses on the roles of political parties, interest groups, the media, and the Supreme Court. Special attention is paid to the relationship between individual Americans and their governing bodies. Curriculum: Apex Learning

**US History A (9173-1)** 9173 5 Credits US History/Geography A no none

## Description:

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

**US History B (9173- 9173)** 5 Credits US A no none  
History/Geography

## Description:

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

**Veterinary Science (7140-01)** 7140 5 Credits CTE GO yes none

## Description:

Whether you want to step into the wild side of veterinary medicine or just take care of loveable dogs and cats, explore how to care for domestic, farm, and wild animals, diagnose their common diseases and ailments, and learn about different veterinary treatments. If you have always been drawn to the world of our furry, scaly, and feathered friends, this is the course for you! Curriculum: eDynamic

**Web Development A (8133-05)** 18133 5 Credits CTE yes none

## Description:

How many times per day do you access the internet, including social media? The web is an important part of our daily lives, so it's no surprise that web development is one of the hottest career fields. Start to explore professional web development, including how to create content for the web. You'll learn about topics such as servers, file organization, HTML, CSS, Javascript, and the development stack that will let you build any website you can dream up. Curriculum: eDynamic

**Web Development B (8134-03)** 18134 5 Credits CTE GO yes none

## Description:

Websites need to be functional, but they need to look great while doing the job! Now that you've learned how to create web content, you'll learn how to apply design principles, like color combinations and font choices, to achieve the greatest impact. You'll also learn the behind-the-scenes tasks of organizing your files, ensuring website accessibility, following intellectual property regulations, and performing site backup and maintenance. Let's unravel the web development process! Curriculum: eDynamic

**Web Development A (8134-04)** 28134 5 Credits CTE GO yes none

## Description:

You've already experienced web development on a smaller scale, but now, it's time to kick it up a notch! You'll hit the ground running with the Agile methodology of software development and how it plays into leadership and teamwork amongst developers. You'll also approach web development from a different perspective- your users!- and you'll learn to speak the language of JavaScript to enhance your web development efforts. Your efforts will commence in a professional portfolio that will allow you to experience GitHub to display your work. Let's get that framework going! Curriculum: eDynamic

**Web Development B (8135-01)** 28135 5 Credits CTE GO yes none

## Description:

You've done a ton of work on your website already, and now, it's time to put the finishing touches on it and make it work for you! In this course, you'll explore topics and hone skills to help you perfect your portfolio so it's ready to share with future employers. You'll discover common coding errors and security threats, website accessibility and reliability, and become more fluent and efficient in JavaScript. You'll also learn how to make on-the-job choices and adjustments and refine communication with your clients. In the end, you'll turn your website into a presentation to share with friends and family so you can showcase your achievements. Curriculum: eDynamic

**Women's Studies (9180-10)** 9180 5 Credits Electives GO no none

## Description:

History-social science elective courses typically cover topics outside of district requirements for graduation and/or "a-g" requirements and may include the study of a certain time period, genre or event (1960s, Womens History, Civil War etc.), comparative study of religious or political systems, or cultures. History-Social Science elective courses present students with the opportunity to participate in mock trial, mock United Nations courses and may also include the study of a movement (Civil Rights) or specific topic (music, baseball, etc.) in United States or World History. Curriculum: eDynamic

**Work Experience (9220-3)** 9220 5 Credits Electives no none