My Virtual Academy

Course Catalog

K-12

Updated July 2024: 1

High School Course Catalog

English:	Credit	Description
English 9 A	0.5	English 9, Semester A, is a single-semester course designed to cultivate reading comprehension and writing skills. In this course, you'll read and analyze literature in a number of different genres. In addition, you'll explore many types of writing, such as creative, descriptive, expository, narrative, and persuasive. Dramatic conventions and the structural elements of poetry are also a focus of this course. You'll sharpen your writing skills as you evaluate literary works and informational texts by examining formal techniques, form, and writing structures.
English 9 B	0.5	English 9, Semester B, is a single-semester course designed to cultivate your presentation, research, and analytical writing skills. In this course, you'll read and analyze literature from a number of different genres, as well as argumentative texts and informational texts. As you read, you'll examine the author's purpose, audience, and point of view. In this course, you'll also develop your research skills by evaluating sources for credibility and bias, developing a research plan, and writing a research paper. Synthesizing information and correctly citing research sources will be an important aspect of your research process. This course will prepare you to develop your research to give a presentation. Throughout this course you'll sharpen your reading and writing skills
English 10 A	0.5	In English 10A, you will analyze and explain the different literary devices used in short stories, such as subject, theme, mood, plot, and narration. You will study a variety of literary works to learn more about literary devices. The second unit covers many types of informational texts. In the third unit, you will explore drama from a range of eras. In addition, you will complete writing activities in which you will employ analytical and persuasive skills. In English 10A, you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics

English 10 B	0.5	In English 10B, you will explore characteristics of different genres of fiction, such as realistic fiction, historical fiction, and science fiction, and analyze historical context, theme, and genre in Franz Kafka's novella The Metamorphosis. The second unit covers many types of nonfiction writing, including memoirs, personal essays, public essays, speeches, and narrative nonfiction. In the third unit, you will analyze traits and genres of poetry. In addition, you will complete writing activities in which you will employ analytical and persuasive skills. In English 10B, you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics.
English 11 A	0.5	In English 11A you will study a variety of techniques to improve your reading comprehension and writing skills. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In English 11A, you will read and analyze different genres in literature with an emphasis on American literary movements over time
English 11 B	0.5	In English 11B you will study a variety of techniques to improve your reading comprehension and writing skills. The instruction covers many types of writing: creative, descriptive, and narrative. In English 11B, you will read and analyze a variety of literary genres with an emphasis on modern American literature and literary movements.
English 12 A	0.5	In English 12A you will explore the relation between British history and literature from the Anglo-Saxon period through the neoclassical era, including the works of Shakespeare. In English 12A you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive.
English 12 B	0.5	In English 12B you will explore the relation between British history and literature from the romantic period to the modern era. You will read and analyze a variety of literary works from this time period in the context of relevant cultural and political history. In English 12B you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In addition, you will complete writing activities in which you will employ analytical and persuasive skills.

Math:	Credit	Description
Algebra 1 A	0.5	Algebra is a branch of mathematics that uses symbols in place of numbers to describe and generalize relationships. In Algebra 1A, you will explore relationships between mathematical quantities, how to reason with equations and inequalities, graphing, functions, and mathematical modeling. You will build on your knowledge of variables, exponents, expressions, and algebraic terminology by applying algebra to real-world situations.
Algebra 1 B	0.5	In Algebra 1A you worked with expressions containing monomials and binomials. In Algebra 1B you'll extend these ideas to factor and perform operations on polynomial expressions containing more than two terms. In Algebra 1B you'll solve quadratic equations. In quadratic equations, the highest power on a variable is 2. You'll study the parabola, a conic section defined by a quadratic equation. You'll build your graphing skills by analyzing and plotting different types of functions: absolute value functions, piecewise functions, exponential functions, and logarithmic functions. Finally, you'll study statistics as you interpret the shapes of data distributions and delve into correlation and causation.
Algebra 2 A	0.5	In Algebra 2A, you will perform operations and identify restrictions on rational expressions (expressions that contain rational numbers as coefficients). You will also analyze and graph polynomial functions. Algebra 2A will introduce you to a new concept, complex numbers. Complex numbers rely on an imaginary unit, i, where i 2 = -1. You will plot complex numbers in the complex number plane and solve quadratic equations in the complex number system.
Algebra 2 B	0.5	In Algebra 2B, you will begin with trigonometry, which is the study of how the sides and angles of a triangle are related. You will examine trigonometric functions and graphs in the context of the unit circle. You will extend your understanding of lines by classifying systems of linear equations. In prior courses, you solved inequalities by graphing.

Geometry A	0.5	Geometry is a branch of mathematics that uses logic and formal thinking to establish mathematical relationships between points, lines, surfaces, and solids. In Geometry A, you will explore rigid and non-rigid transformations of figures in the coordinate plane and use them to establish congruence and similarity of triangles and other shapes. You will also prove theorems about lines, angles, triangles, and parallelograms, and build geometric constructions using both basic tools and modern technology. In conclusion, you will apply your knowledge of triangles as you investigate the mathematics of trigonometry.
Geometry B	0.5	In Geometry B, you will review the volume formulas for some common solid figures as you extend your knowledge of two-dimensional shapes to three-dimensional shapes. You will also transition from primarily Euclidean geometry to analytical geometry—a segment of geometry focused on numerical measurements and coordinate algebra. You will use analytical geometry and observations to investigate the properties of circles and constructions related to circles. Geometry B closes with a study of independent and conditional probability and how you can use probability models to represent situations arising in everyday life.
Accounting A	0.5	This course covers the fundamentals of bookkeeping and financial statements. It also covers career opportunities and the key government regulations in the accounting field.
Accounting B	0.5	This course covers the accounting functions of different business types and the specialized accounting tasks related to them. It also covers and the essentials interpersonal and workplace skills required as a professional in this field.
Consumer Mathematics	0.5	In this course, you will learn practical applications of math. You will learn how to plan a budget, manage bank accounts, and figure the cost of a good or service. You will also learn about taxes, payroll deductions, and how to invest and borrow money. This course will help you make informed decisions about buying or renting a home or car and teach you how to protect your purchases and investments with insurance. Finally, you will study economics, or the science of the creation, distribution, and consumption of goods and services. You'll see how economics affects you as an individual and how it affects the country as a whole

Financial Mathematics A	0.5	Financial Mathematics, Semester A, is a single-semester course designed to introduce you to the basics of financial algebra. This course includes lessons that focus on planning for expenses and developing financial goals. You'll learn to use algebraic expressions that model growth that's due to interest. You'll also describe investments in terms of their cost, risks, and returns.
Financial Mathematics B	0.5	Financial Mathematics, Semester B, is a single-semester course designed to provide insight into some advanced concepts of financial algebra. In this course, you'll see how businesses achieve profits through proper financial planning. You'll examine the benefits and consequences of using credit cards and taking out loans. You'll also describe the procedures for filing taxes and identify taxes levied on various investments.
Introduction to Finance	0.5	This course will cover the fundamental concepts of finance, including the importance of finances and financial planning in personal life and business, ways to manage finances, different investment strategies, and various career options available in the field of finance.
Personal Finance	0.5	The semester-long personal finance course covers all of the essential personal finance topics necessary to become a financially capable student. Topics include banking, credit, budgeting, investing, career, and more. Course is correlated to the Next-Gen Personal Finance Standards.
Pre-Algebra A	0.5	Must have approval to take for credit. Each unit in Pre-Algebra A builds on the previous unit in a spiraling curriculum manner. Students will first explore the basics of pre-algebraic ideas and then start to solve problems related to each of the pre-algebraic concepts they covered.
Pre- Algebra B	0.5	Must have approval to take for credit. Each unit in Pre-Algebra B builds on the previous unit in a spiraling curriculum manner. Students will begin with the basics of integers, will then explore basic concepts of geometry and use statistics and graphs, and will finally solve problems using expressions, equations, and inequalities.
Precalculus A	0.5	Precalculus A, you will explore and build your knowledge of inverse, trigonometric, and logarithmic functions; trigonometric identities; complex numbers; and vectors. You will also apply this knowledge to real-world situations.

Precalculus B	0.5	Precalculus B encompasses the rudiments of calculus, analytical geometry, and trigonometry. In Precalculus B, you will explore and build your knowledge of conic sections, matrices, sequences, induction, and probability and apply this knowledge to real-world situations. You will also study basic concepts of calculus, such as the limits of a function and area under the curve.
Probability and Statistics	0.5	In this course, you will represent and interpret data using dot plots, histograms, box plots, two-way frequency tables, and scatter plots. You will study normal distributions and distinguish between correlation and causation. You will also determine the conditional probability of two events or whether the events are independent. Using counting techniques and the rules of probability, you will calculate probabilities and use the results to make educated and fair decisions. You will evaluate several data collection techniques and statistical models, including simulations. The course closes with information on how you can use probability models to represent situations arising in everyday life that involve both payoff and risk.

Science and Science Electives	**Credit**	**Description**
Biology A	0.5	Biology is a science dedicated to studying all forms of life on Earth. You are probably familiar with life on a large scale, but do you know what makes up life? This course will teach you about the smallest building block of life—the cell. You will learn what makes a cell, how cells are built and their functions, as well as how mutations in cells can cause them to change genetically.
Biology B	0.5	Biology is a science dedicated to studying all forms of life on Earth. You are probably familiar with a number of plants and animals, but do you know what makes them different from each other? This course will show you how scientists categorize various types of life, as well as the structure of plants and animals. You will also learn about how ecosystems support different life forms, and how the systems change to cater to the life forms that live within them.
Chemistry A	0.5	In Chemistry A, you will learn some of the “basics” of chemistry: the atomic and molecular structures that result in different chemical properties and the concepts and tools that will enable you to predict chemical properties and chemical reactions.

Chemistry B	0.5	In Chemistry B, you will learn about key types of chemical relationships and reactions, including solutions, reversible reactions, acid-base reactions, thermochemical systems, and electrochemical systems. You will use your knowledge to analyze new situations and make qualitative and quantitative predictions. Finally, you will extend your chemical knowledge into the areas of nuclear chemistry, organic chemistry, and biochemistry.
Earth and Space Science A	0.5	Earth and space science is the study of the structure of our planet and Earth's role in the solar system and universe. This branch of science relies on observations, historical data, and physical evidence to describe the natural processes that occur around us and in distant space. Semester A begins with a discussion of the methods and tools that scientists use to study Earth and space science, including the scientific method, modeling, and mathematics. You'll look at theories for how the planets, solar system, and universe formed and explain the interactions between the Sun, Earth, and Moon. You'll also learn about the emergence of Earth's materials, atmosphere, and first lifeforms, as well as the dating methods that help us piece together Earth's unique history.
Earth and Space Science B	0.5	Earth and space science is the study of the structure of our planet and Earth's role in the solar system and universe. This branch of science relies on observations, historical data, and physical evidence to describe the natural processes that occur around us and in distant space. You'll begin Semester B by comparing the composition of rocks and minerals and analyzing the processes involved in the rock cycle. You'll explore the tectonic mechanisms that lead to some of Earth's most prominent geological features. Next, you'll study important interactions between the hydrosphere and atmosphere and the role they play in weathering and erosion. You'll also differentiate between weather and climate and make evidence-based predictions about both using data and modeling. The last unit in this course highlights the negative effects that humans can have on the natural cycles of Earth, as well as effective measures we can take to protect our planet.

Environmental Science Semester A	0.5	In Environmental Science, Semester A, you will learn about the importance of environmental science as an interdisciplinary field. You will describe abiotic and biotic factors of an ecosystem. You will describe the importance of biodiversity for the survival of organisms and the importance of the food chain and the food web in the ecosystem. You will learn about ecological interactions and succession. You will discuss the effects of climate change and explore different types of adaptation. Further, you will describe the steps of the water cycle, and discuss how carbon, oxygen, nitrogen, and phosphorous cycle in the global environment.
Environmental Science Semester B	0.5	In Environmental Science, Semester B, you will learn about the factors that affect populations. You will explore human population growth and its implications. You will describe the factors that lead to unequal distribution of natural resources on Earth. You will discuss waste management. You will describe different forms of pollution and explore ways to control pollution. You will explore various nonrenewable and renewable energy sources. Further, you will learn about benefits of environmental policies and identify factors that affect sustainable development.
Introduction to Astronomy	0.5	In Introduction to Astronomy, you will learn about the history of astronomy from ancient times to modern times. You will identify the movements of the Sun, Moon, planets, and stars across the sky. You will describe the formation of the solar system, and the role of the Sun and Moon in the solar system. You will describe the causes of seasons on Earth and the reasons for life on Earth. You will learn about stars, galaxies, and the Milky Way. You will explain various theories of cosmology, and advantages and disadvantages of space exploration.
Integrated Physics and Chemistry A	0.5	In Integrated Physics and Chemistry A, you will first learn about the “basics” of physics, since physics is actually the foundation of chemistry. In this course, you will learn how to describe and analyze motion, how forces interact with matter, and how to further describe these interactions with the aid of the concepts of energy and momentum. You will also learn about waves, electricity, and magnetism.

Integrated Physics and Chemistry B	0.5	In Integrated Physics and Chemistry B, you will begin your study of chemistry. This includes the atomic and molecular structures that result in different chemical properties and the concepts and tools that will enable you to predict chemical properties and chemical reactions. You will learn about key types of chemical relationships and reactions, including solutions and acid-base reactions. Finally, you will extend your knowledge into the areas of thermal and nuclear energy.
Physics A	0.5	In Physics A, you will learn about the "basics" of physics: how to describe and analyze motion, how forces interact with matter, and how to further describe these interactions with the aid of the concepts of energy and momentum. Finally, you'll explore one more specialized topic, thermodynamics, the physics of heat.
Physics B	0.5	In Physics B, you will use your physical understanding of motion, forces and energy and apply that knowledge to some important, specialized topics in physics: the behavior of waves, applications of wave theory to light and optics, the interaction of electrical and magnetic forces, and the special "non-Newtonian" properties of energy and matter described by quantum theory.
Introduction to Marine Biology	0.5	In the Introduction to Marine Biology course you will explore the fundamental concepts of marine biology. You will learn about the formation and characteristic features of the oceans. You will also learn about the scientific method and explore careers available in marine biology. The course will introduce you to the characteristic features of different taxonomic groups found in the ocean. You will learn about the different habitats, life forms, and ecosystems that exist in the oceans and explore the different types of adaptations marine creatures possess to survive in the ocean. You will learn about succession and the flow of energy in marine ecosystems. Finally, you will also learn about the resources that the oceans provide and the threats that the oceans face from human activities.

Introduction to Forensic Science	0.5	In Introduction to Forensic Science, you will learn about the importance and limitations of forensic science and explore different career options in this field. You will also learn to process a crime scene, collect and preserve evidence, and analyze biological evidence such as fingerprints, blood spatter, and DNA. Moreover, you will learn to determine the time and cause of death in homicides and analyze ballistic evidence and human remains at a crime scene. Finally, you will learn about forensic investigative methods used in arson, computer crimes, financial crimes, and forgeries.
Physical Science A	0.5	In Physical Science A, you'll describe the atomic and molecular structure of substances using models. You will learn how chemical reactions involve energy and lead to changes in properties of substances. You'll also learn about the different kinds of forces and the effect they have on the motion of objects. You'll solve problems involving work and power and apply these principles to simple machines. Finally, you will see how simple machines make up more complex machines that are important in our lives.
Physical Science B	0.5	In Physical Science B, you'll investigate gravitational, electric, and magnetic force fields and identify factors that determine their strength. You'll apply concepts of electricity and magnetism to explain how motors, generators, and electromagnets work. You will learn about energy transformations in objects and systems, including how heat flows between objects that are at different temperatures. You will also learn how sound and light travel as waves and how they interact with different forms of matter. Finally, you'll explore how electromagnetic waves help us communicate with one another and collect information about the universe.
Life Science A	0.5	Life Science deals with the study of all types of living organisms, such as microorganisms, plants, animals, and humans. The field focuses on their organization and life processes. Life Science A begins with the basic unit of life—the cell. You'll discover how cells build up tissues, organs, and systems. You will study the growth and development processes of different organisms and see how genes are responsible for the traits of organisms. You'll also explore natural selection and artificial selection and their effects on the genetic traits of organisms.

Life Science B	0.5	Life Science, Semester B, is a course based on the Next Generation Science Standards (NGSS). The content in the course covers all three facets described by NGSS: disciplinary core ideas, science and engineering practices, and crosscutting concepts. Science is sometimes referred to as the crossroads for several different disciplines: science, English language arts (ELA), and mathematics. To support this idea, the course addresses three Common Core standards—Reading in Science and Technical Subjects (RST), Writing in History, Social Studies, Science, and Technical Subjects (WHST), and the Standards for Mathematical Practice (MP). The course also addresses a subset of the Common Core Standards for Mathematics as identified by NGSS.
Social Studies	**Credit**	**Description**
U.S. History A	0.5	In US History A, you will learn about the process of historical inquiry, review the events and principles behind the founding of the United States, and then apply historical inquiry to analyze societal issues, trends, and events from the Civil War through the Great Depression. You'll explore timelines to gain an understanding of how events link to each other, and you'll analyze historical documents for a firsthand sense of how events unfolded. You'll also gather evidence from relevant documents and historical texts in order to develop credible explanations of events in US history. You'll then use that evidence to evaluate change and continuity over time by writing essays and creating presentations about broad periods of historical development.
U.S. History B	0.5	In US History B, you will apply historical inquiry to analyze societal issues, trends, and events of US history from World War II to the present, including the Cold War, Civil Rights and other social movements, the Vietnam War, modern presidencies, and responses to global terrorism. You'll explore timelines to gain an understanding of how events link to each other, and you'll analyze historical documents for a firsthand sense of how events unfolded. You'll also gather evidence from relevant documents and historical texts in order to develop credible explanations of events in US history. You'll then use that evidence to evaluate change and continuity overtime.

World History and Geography A	0.5	World History, Semester A, provides learners with a cohesive and connected learning experience. Research strongly supports the use of connections to increase learner achievement. The majority of lessons focus on a particular period in world history, analyzing the events, people, and social trends involved in how we view that period. Some lessons instruct students on the process of historical inquiry and apply that process to high-level themes across the entire arc of world history.
World History and Geography B	0.5	World History, Semester B, provides learners with a cohesive and connected learning experience. Research strongly supports the use of connections to increase learner achievement. The majority of lessons focus on a particular period in world history, analyzing the events, people, and social trends involved in how we view that period. Some lessons instruct students on the process of historical inquiry and apply that process to high-level themes across the entire arc of world history.
US Government	0.5	In US Government, you will learn about the principles and events that led to the founding of the United States in the eighteenth century; examine how the operations of the US government are spread among three branches of government and distributed between the national, state, and Federal levels of government; explore the role of the individual citizen in the operations of the government; and, finally, apply these concepts to understanding the concrete areas of foreign, domestic, and economic policy. You'll explore timelines to gain an understanding of how events link to each other and to the structures of government that exist today, and you'll analyze historical documents for a firsthand sense of how government structures were designed. You'll also gather evidence from relevant documents and historical texts to develop credible explanations of how and why the government exists as it does. You'll then use that evidence to express viewpoints on the operations of government by writing essays and creating presentations about topics of relevance to modern US citizens.
Economics	0.5	Economics is a social science that examines how goods and services are created, consumed, and exchanged. This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System.

Phys Ed/Health:	Credit	Description
Health	0.5	Everyone needs to take care of their body, but we aren't necessarily born with the knowledge of how to go about it. It's important to invest time and energy into understanding what it means to be healthy. There are many activities you can engage in which are dangerous for your long-term health, so you need to know how to identify and avoid these activities. It's also important to identify lifestyles which will lead to a longer, more enjoyable life. This course will guide you through lifestyle choices you will make which will ultimately impact your life in meaningful ways.
Physical Education	0.5	Your body is a machine that has certain needs—if you treat it well, it should be able to serve you well. But what can you do to promote a fit and healthy body? A course in physical education can show you. By definition, physical education is instruction in exercise and physical activity. It teaches you how to maintain your personal fitness, how to measure different aspects of physical fitness, and how to avoid injury while exercising. It's all about getting active and setting your body in motion. By measuring health and fitness with objective data, it's possible to improve your health in a methodical way. Exercise helps you feel good about yourself and helps you sidestep the health problems that often accompany poor levels of fitness.
Language:	**Credit**	**Description**
Spanish 1 A	0.5	In Spanish 1A, you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll learn to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 1 B	0.5	In Spanish 1B, you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being and travel and tourism. You'll build on what you learned in the Spanish 1B course to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.
Spanish 2 A	0.5	In Spanish 2A, you'll be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. You'll also describe daily personal routines and schedules, household chores and family responsibilities. Finally, you'll discuss different types of cuisine, dining establishments, and dining etiquette. You'll build on what you learned in Spanish 1B to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.

Spanish 2 B	0.5	In Spanish 2B, you'll be reintroduced to Spanish in common situations, beginning with various professions and career plans for the future. You'll discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. You'll also describe different hobbies, activities, and crafts that people enjoy. Finally, you'll discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury. You'll build on what you learned in the Spanish 2A course to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning.
Sign Language 1 A	0.5	Students in this course will learn about Deaf Culture and History along with signs to begin their journey to becoming effective signers. Students will create their own videos in order to sign with the teacher to help facilitate the signing experience.
Sign Language 1 B	0.5	Students in this course will learn about classifiers and Beginning Interpreter Skills along with signs to continue their journey to becoming effective signers. Students will create their own videos in order to sign with the teacher to help facilitate the signing experience.
French 1A	0.5	The lessons in this course address two primary issues: 1. Introducing new vocabulary with a minimum of reliance on English that is, devising alternate methods to provide meaningful context without relying on translation, so that learners are encouraged to think in the target language as much as possible. 2. Introducing grammatical concepts without over reliance on grammatical analysis and comparisons to English that would inhibit learning that language itself, such as learning grammar rules in the abstract, learning conjugation charts rather than being able to choose forms for tense, mood, and person as needed.

French 1B	0.5	The lessons in this course address two primary issues: 1. Introducing new vocabulary with a minimum of reliance on English that is, devising alternate methods to provide meaningful context without relying on translation, so that learners are encouraged to think in the target language as much as possible. 2. Introducing grammatical concepts without over reliance on grammatical analysis and comparisons to English that would inhibit learning that language itself, such as learning grammar rules in the abstract, learning conjugation charts rather than being able to choose forms for tense, mood, and person as needed.
French 2A	0.5	The lessons in this course address two primary issues. 1. Introducing new vocabulary with a minimum of reliance on English, that is, devising alternate methods to provide meaningful context without relying on translation, so that learners are encouraged to think in the target language as much as possible. (Note that, though translations are readily available to students through translation boxes and the glossary, they are not a major instructional tool.) 2. Introducing grammatical concepts without over reliance on grammatical analysis and comparisons to English that would inhibit learning that language itself, such as learning grammar rules in the abstract, learning conjugation charts rather than being able to choose forms for tense, mood, and person as needed.
French 2 B	0.5	The lessons in this course address two primary issues: 1. Introducing new vocabulary with a minimum of reliance on English by devising alternate methods to provide meaningful context without relying on translation, so that learners are encouraged to think in the target language as much as possible. (Note that, though translations are readily available to students through translation boxes and the glossary, they are not a major instructional tool.) 2. Introducing grammatical concepts without over reliance on grammatical analysis and comparisons to English that would inhibit learning that language itself, such as learning grammar rules in the abstract, learning conjugation charts rather than being able to choose forms for tense, mood, and person as needed
Art:	**Credit**	**Description**

Art History and Appreciation	0.5	Art has played a significant role in every major civilization throughout the history of man. The emergence of different art forms often reflects the values that a civilization deems important: religion, labor, love, political change, or even commerce.
Digital and Interactive Media A	0.5	This course will cover careers, training, and emerging technologies in digital media. This course familiarizes you with the concepts involved in digital media, such as graphic design, digital photography, principles of design, and digital printing.
Digital and Interactive Media B	0.5	This course will cover digital communication systems. This course familiarizes you with audio and video technologies. This course also covers digital media design, multimedia, and animation. In addition, this course teaches you how to create a web page, publish digital products, and create a digital portfolio.
Graphic Design and Illustration A	0.5	This course is designed to enable all students at the high school level to learn concepts and techniques of graphic design. The course will help the students develop an understanding of the industry with a focus on topics such as history of graphic design, types of digital images, graphic design tools, storing and manipulating images, design elements and principles, copyright laws, and printing images.
Graphic Design and Illustration B	0.5	This course is designed to enable all students at the high school level to learn advanced concepts and techniques of graphic design. The course will help the students develop an understanding of the industry with a focus on topics such as advanced manipulation of images, retouching photos, special effects, logos and posters, multimedia, digital photography, art criticism, digital publishing, and graphic design portfolio.
Introduction to Fashion Design	0.5	This one-semester elective course is intended to introduce you to the basics of fashion design. In this course, you will explore the history of fashion, the components of fashion, the influences and contributions of some key fashion innovators, and the various steps involved in the production of a garment.
Introduction to Visual Arts	0.5	In Introduction to Visual Arts, you will trace the history of art and describe various art forms. You will identify the elements of art and examine the principles of design. You will analyze the parameters in evaluating and critiquing art. You will examine copyright laws and discuss the ethical use of art.

Music Appreciation	0.5	This one-semester elective course is intended as a practical, hands-on guide to help you understand, discuss, and appreciate music more knowledgeably. You will explore the history and evolution of music. You will also learn about the concepts and techniques in music and music listening. You will also learn about musical instruments, famous composers and artists, and key musical genres.
Drafting and Design A	0.5	This course covers the fundamental concepts of drafting and design, types of drafting tools, drafting conventions, sketching and drawing techniques, types of views and projections, and basic computer-aided design and drafting (CADD) operations.
Drafting and Design B	0.5	This course covers design and development of a prototype, different types of drawings and views, advanced computer-aided design and drafting (CADD) operations, and key professional and personal skills that are helpful in having a successful career in the field of drafting and design.
Audio Video Production 1A	0.5	This course will cover various topics in audio-video production, such as camera techniques, audio techniques, lighting techniques, editing, and video assembly.
Audio Video Production 1B	0.5	This course will cover various topics in audio-video production, such as directing techniques, editing and mastering techniques, file management and delivery formats, advanced camera and lighting techniques, and techniques for providing special effects.
Audio Video Production 2A	0.5	This course will describe the history and evolution of various media, analyze the influence of society on media, and describe camera-operating techniques in studios and on location. It will identify the different types of equipment used for recording and editing audio and explain how to analyze sound quality. The course will provide a various preproduction activity such as selecting cast and crew, breaking down a script to determine requirements for the shoot, selecting a location, and preparing a production schedule. By the end of the class you will know how to develop a production budget and identify all the documentation required for an audio-video project, how to create scripts for television and radio, and analyze ethical and legal issues related to television/radio and the characteristics of studio, live, and field productions. You will know the methods used to shoot static and motion shots and compose them using the rule of thirds.

Audio Video Production 2B	0.5	This course will cover various audio-video production activities, explore various media formats and distribution, and discuss the different critiquing techniques and media ethics.
Audio Video Production 3A	0.5	This course will cover various advanced preproduction, production, and postproduction techniques. It explores the different activities performed during each stage. It also covers advanced lighting and editing techniques, and it discusses equipment management, set design, and audio mixing techniques.
Audio Video Production 3B	0.5	This course will cover the various methods of mastering production techniques and advanced media-delivery methods. It explores different special effects and animation techniques. It also covers career options, portfolios, technology effects, critiquing, and copyright and labor issues.
Professional Photography A	0.5	This course will cover various topics in photography, such as history of photography, types of photography, types of camera, camera support equipment, types of camera lenses, exposure, lighting setups, rules of composition, color photography, storing and manipulating images, copyright laws and fair use, and printing photos.
Professional Photography B	0.5	This course will cover various topics in photography, such as camera exposure settings, portrait photography, advertising photography, architectural photography, photographic special effects, retouching photographs, restoring old photographs, analog photography, darkroom equipment and development, safety procedures, evaluating photographs, stages of production, and photography portfolio.
Theatre/Cinema/Film Production	0.5	This course is designed to enable all students at the high school level to learn about the film and theater, and the different genres and subgenres of film and theater. They will learn about the creative side of theater and film production, such as screenplay writing, directing set design, acting, make-up, and wardrobe styling and costume design. They will also learn about technical aspects in theater and film productions, such as lighting, sound, and camerawork. The course also helps students understand the pre-production, production, and post-production processes involved in plays and films. They also learn about the audiences for plays and films and how they impact these productions.
Electives Courses	**Credit**	**Description**

African American Studies	0.5	Throughout US history, African Americans have faced great adversity in the form of enslavement and institutional racism. They fought for their freedom and worked to right a broken system, but their struggle continues today. This course studies the treatment of enslaved Africans as they were brought to America, the prejudices African Americans have experienced, and their important role in the social, political, and economic development of the United States.
Applied Medical Terminology A	0.5	This course will cover the structure of the human body systems and their functions. It will also include medical terminology related to diseases, disorders, medical procedures, and treatment for each body system.
Applied Medical Terminology B	0.5	This course will cover various topics like communication and professional skills, professional conduct and safety practices required in healthcare field. You will also learn how to sensitively interact with culturally diverse people. You also understand how to use technology and math skill in healthcare industry.
Artificial Intelligence	0.5	Artificial Intelligence explains the evolution of Artificial Intelligence and its scope in the future. This course also describes how Artificial Intelligence is used in fields such as games, speech recognition, and computer vision. In this course, students will learn about different types of intelligent agents and their environments. They will also learn how to formulate problems and represent knowledge. The course Artificial Intelligence also covers the concepts of machine learning, natural language processing, expert systems, and robots. Students will also learn about the ethics and safety issues related to artificial intelligence.
Basic Reading Skills	0.5	This course is designed for students needing periodic and/or long-term support in their core English/reading course. Intervention courses focus on: building a foundation for successful reading, writing, speaking, listening comprehension, and vocabulary. Developing a conceptual understanding of grade-level language skills. There is no sequence of instruction or adopted instructional materials for this course. Sequencing aligns with the core English course and intervention is responsive to individual student needs. Students must be enrolled in one of the core English courses listed; this cannot be the only English course in a student's schedule

Basic Writing Skills	0.5	This course is designed for students needing periodic and/or long-term support in their core English/reading course. Intervention courses focus on: building a foundation for successful reading, writing, speaking, listening comprehension, and vocabulary. Developing a conceptual understanding of grade-level language skills. There is no sequence of instruction or adopted instructional materials for this course. Sequencing aligns with the core English course and intervention is responsive to individual student needs. Students must be enrolled in one of the core English courses listed; this cannot be the only English course in a student's schedule
Basic Math Skills	0.5	This course is designed for students needing periodic and/or long-term support in their core math course. Intervention courses focus on: Building number sense, particularly with visual representations like number lines and area models. Developing a conceptual understanding of grade-level mathematics. Strengthening problem-solving skills Increasing computational fluency. Fostering a growth mindset. There is no sequence of instruction or adopted instructional materials for this course. Sequencing aligns with the core math course and intervention is responsive to individual student needs. Students must be enrolled in one of the core math courses listed above; this cannot be the only math course in a student's schedule.
Business English A	0.5	This course is a single-semester course designed to strengthen your ability to read and write in the workplace. The first unit introduces the business writing process. In the second unit, you'll learn about writing emails and instant messages, as well as examine the role that digital media plays in business. The third unit covers how to format and write specific types of business messages.

Business English B	0.5	This course is a single-semester course designed to strengthen your ability to read, write, and communicate in the workplace. In the first unit, you'll learn about the different kinds of workplace documents you may need to read or write on the job. The second unit introduces you to the design and visual components of workplace documents, along with strategies for giving business presentations. The third unit focuses on the role that professional and interpersonal skills play in the workplace. In the fourth unit, you'll learn strategies that will help you find and apply for jobs.
Business Information Management A	0.5	This course will cover the needs for technology in business organizations and how businesses use hardware, software, Internet, and emerging technologies. This course also covers productivity applications such as word processing software and spreadsheet software.
Business Information Management B	0.5	This course covers the use of presentation software for preparing, enhancing, and delivering business slideshows. It also covers how databases are used to store data and improve the decision-making capabilities of business organizations. Additionally, the course covers the principles of website design and project management in business organizations.
Career and Life Skills	0.5	This full-year course is designed to introduce students to different careers across all sectors. Students will learn best practices for interviewing and will create a resume.
Career Exploration	0.5	This course covers all of the career clusters in the National Career Clusters Framework. You'll explore the career pathways within each cluster, determine the academic and skill requirements for different career pathways, and learn about the jobs available in each pathway and the work these professionals do. This course will also guide you through the process of creating an academic and career plan based on you interests, abilities, and life goals.

Career Exploration 9/10	0.5	This one-semester course is intended as a practical, hands-on guide to career exploration and planning. This course has 16 lessons organized into four units, plus two Unit Activities. This course covers all of the career clusters in the National Career Clusters Framework. You'll explore the career pathways within each cluster, determine the academic and skill requirements for different career pathways, and learn about the jobs available in each pathway and the work these professionals do. This course will also guide you through the process of creating an academic and career plan based on your interests, abilities, and life goals. You will submit the Unit Activity documents to your teacher, and you will grade your work on the Lesson Activities by comparing them with the given sample responses. The Unit Activities (submitted to the teacher) and the Lesson Activities (self-checked) are the major components of this course. There are other assessment components, namely the mastery test questions that feature along with the lesson; the post-test questions that come at the end of the unit respectively; and an end of-semester test. All of these tests are a combination of simple multiple-choice questions and technology enhanced (TE) questions.
Career Exploration 11/12	0.5	This one-semester course is intended as a practical, hands-on guide to career exploration and planning. This course has 16 lessons organized into four units, plus three Unit Activities. This course covers all of the career clusters in the National Career Clusters Framework. You'll explore the career pathways within each cluster, determine the academic and skill requirements for different career pathways, and learn about the jobs available in each pathway and the work these professionals do. This course will also guide you through the process of creating an academic and career plan based on your interests, abilities, and life goals. You will submit the Unit Activity documents to your teacher, and you will grade your work on the Lesson Activities by comparing them with the given sample responses. The Unit Activities (submitted to the teacher) and the Lesson Activities (self-checked) are the major components of this course. There are other assessment components, namely the mastery test questions that feature along with the lesson; the post-test questions that come at the end of the unit respectively; and an end of-semester test. All of these tests are a combination of simple multiple-choice questions and technology enhanced (TE) questions.

Child Development and Parenting A	0.5	This course covers fundamental concepts of parenting and child rearing. It also covers essential communication skills related to parent-child interaction. In addition, the course covers workplace skills, such as positive work ethics, integrity, and resource management. It also covers some recent trends in parenting.
Child Development and Parenting B	0.5	This course explains the development, health, nutrition, and safety of children at various stages. In addition, the course covers career opportunities in the field of childcare and development.
College and Career Preparation	0.5	This one-semester course is designed to introduce students to skills that they may need to be successful in college. Different ways to help fund college will also be covered.
Computer Programming A	0.5	This course describes the skills and training required for careers in computer programming and the work ethics required in a computing environment. This course describes number systems, data types, and functions used in computation. In addition, this course describes types of programming paradigms and program structures. Finally, this course explains how to create web pages in HTML and how to do create a JavaScript program.
Computer Programming B	0.5	This course describes various phases of the SDLC such as analysis, design, development, testing, and implementation. This course describes software development methodologies, various types of project plans, Unified Modeling Language (UML) design, various types of testing, and system implementation. This course also identifies various security threats and risks to computer systems and the methods to mitigate them.
Computing for College and Careers A	0.5	This course will cover basic computer hardware and software and productivity applications such as word processing software, spreadsheet software, and presentation software. This course also covers the Internet and emerging technologies.
Computing for College and Careers B	0.5	This course will cover advanced concepts, such as computer networks, complex operations in spreadsheet and database programs, and the process of creating a website.
Creative Writing	0.5	In Creative Writing, you will learn about the scope of creative writing and its genres. You will identify the key elements of prose and poetry. You will look at writing for stage, film, and TV. You will learn about theatrical and film techniques, as well as technical effects that are typically used in electronic media. You will look at writing for younger audiences, for advertising, and journalism. You will learn how the publishing industry works.

Culinary Arts A	0.5	Culinary Arts, Semester A, is a one-semester course that is intended to help you gain an understanding of the history and development of the culinary arts. This course covers the basics of nutrition, and health, safety, and sanitation. In addition, course explains the basic science principles used in cooking and various cooking methods. Finally, the course describes culinary skills required to make a variety of items, ranging from stocks and soups to seafood and poultry to various breads and desserts.
Culinary Arts B	0.5	Culinary Arts, Semester B, is a one-semester course that is intended to help you gain an understanding of menu planning, food presentation, and different service styles. This course covers the running of food service establishments and kitchen management skills. In addition, the course explains the personal skills and professional traits needed in the food service industry. Finally, the course covers career opportunities and career management skills.
Education and Training	0.5	This one-semester course is intended to help familiarize you with career opportunities in the three pathways in the education and training cluster—administration, education, and professional support. The course also explains child development, health, nutrition, and safety requirements for children. In addition, the course covers teaching strategies, technologies that can aid educators and personal and professional skills that are necessary for a career in this field.
Electronic Communication Skills	0.5	Electronic communication skills are important to achieve success in a wide range of careers. The Electronic Communication Skills course begins by describing basic computer hardware configurations and software. In this course, you will review career opportunities in the field of electronic communication. This course also covers different keyboard techniques used for entering data into a computer. Additionally, you will learn to use word processing and presentation software to create enhanced documents and presentations for your audience. Finally, you will learn about the role and applications of the Internet in electronic communication.
Entrepreneurship A	0.5	This course will cover the roles and attributes of an entrepreneur, marketing and its components, the selling process, and operations management.

Entrepreneurship B	0.5	This course will cover the different types of capital that a business needs at different stages, nature of legally binding contracts, different functions of the human resources division of a company, and the types of risks that entrepreneurs have to face.
Essential Career Skills	0.5	This course will cover essential career skills such as positive work ethics, teamwork, conflict resolution, effective speaking and listening, health and safety, and information technology.
Game Development	0.5	This one-semester elective course is intended as a practical, hands-on guide to help you understand the process of game development. The first four lessons are about the history of video games, types of early consoles, arcades, personal computers, and platform convergence. The lessons deal with game and player goals, game genres, player motivations, and player demographics. The next four lessons provide students an understanding of story and character development, gameplay, game styles, and level design.
Gothic Literature	0.5	This one-semester course is intended to familiarize you with the different conventions, themes, and elements of Gothic literature through the analysis of representative literary works. The course discusses classics such as Mary Shelley's novel Frankenstein, Ann Radcliffe's novel A Sicilian Romance, Nathaniel Hawthorne's novel The Scarlet Letter, Robert Louis Stevenson's Gothic Novella Strange Case of Dr. Jekyll and Mr. Hyde, and Bram Stoker's Dracula. It also analyzes Edgar Allan Poe's Gothic short stories, Robert Browning's Gothic poems, and Emily Dickinson's poems about death, mortality, and spirituality. Finally, you get a glimpse of Matthew Lewis and Percy Bysshe Shelley's Gothic dramas, learn about Gothic parodies and Gothic subgenres, and discuss contemporary Gothic literature.
Health Science I A	0.5	This course will cover the structure of the human body systems and their functions. It will also cover diseases and medical procedures related to each body system.
Health Science I B	0.5	This course will cover various topics in health science, such as biomolecules, biological and chemical processes, and various diseases.
Health Science II A	0.5	This course is designed to enable all students at the high-school level to learn the basics of health science. The course will help the students develop an understanding of the academic qualifications, personal skills, training, and use of healthcare tools required to work in the healthcare industry.

Health Science II B	0.5	This course is designed to enable all students at the high-school level to learn the basics of health science. The course will help the students develop an understanding of the academic qualifications, personal skills, training, and use of healthcare tools required to work in the healthcare industry.
Holocaust Studies	0.5	Holocaust Studies is a single-semester course that describes the mass murder of millions of Jews during the Nazi rule in Germany and its impact on the international community. In this course, you will trace the history of Jews living in Europe and the origins of anti-Semitism. You will learn about the early life of Hitler and his rise to power. The course also describes how the Nazis exterminated the Jews and how Jews resisted. You will also learn about the liberation of the Jews and the impact of the Holocaust on the non-Jewish community. The course also covers the outcome of postwar trials.
Integrated Math 1 A	0.5	In Integrated Math 1A, you will begin with algebra. You will build on your understanding of single-variable and two-variable expressions, equations, and inequalities. You will also learn how to write equations and inequalities to represent and solve word problems.
Integrated Math 1 B	0.5	In Integrated Math 1B, you will explore the connections between algebra and geometry. You will learn about functions and use them to solve real-world math problems. You will study data collection methods and use different types of data plots to represent and analyze statistical data. You will learn geometric theorems and rules and write proofs to support them. You will also explore congruency and similarity of triangles.
Integrated Math 2 A	0.5	In Integrated Math 2A, you will begin with polynomial expressions, including rational expressions. You will learn about quadratic equations and inequalities and solve them to find answers to real-world math problems. Finally, you will use this knowledge to examine polynomial functions.
Integrated Math 2 B	0.5	In Integrated Math 2B, you will study the connections between algebra and geometry. You will learn about functions and use them to solve real-world math problems. You will study data collection methods, and you will use different types of data plots to represent and analyze statistical data. You will learn about geometric theorems and rules and write proofs to support them. You will also explore congruency and similarity of triangles.

Integrated Math 3 A	0.5	In Integrated Math 3A, you will understand and work with polynomial expressions, including rational expressions. You will also examine the relationship between equations and functions and analyze trigonometric functions in detail.
Integrated Math 3 B	0.5	In Integrated Math 3B, you will study and apply the laws of sine and cosine functions. You will also investigate the cross sections and density of three-dimensional geometric figures. You will use equations, inequalities, and functions to solve real-world math problems. You will also look at function graphs and explore transformation of functions. You will analyze statistical data and data collection methods and use probability to make decisions.
International Business	0.5	International Business is a single-semester course that describes international business and its various aspects. This course begins by describing the impact of globalization and the position of the United States in international business. In this course, you'll learn about global trade theories and policies and identify major world economies. In addition, you'll determine the levels of economic cooperation between the economies and determine the strategies that are required to enter the international business arena. Finally, you'll explain the importance of human resources in global firms and describe various employability skills required in business.
Introduction to Anthropology	0.5	This one-semester elective course is intended as a practical guide to introduce you to the field of anthropology. You will explore the evolution of anthropology as a distinct discipline, learn about anthropological terms, concepts and theories, and discuss the evolution of humans and human society and culture. Students will also learn about social institutions, such as marriage, economy, religion, and polity.
Introduction to Archeology	0.5	This one-semester course is intended as an engaging and practical survey of the field of archeology.
Introduction to Criminology	0.5	Introduction to Criminology is a one-semester course with lessons that cover the theories related to criminology.
Introduction to Cybersecurity	0.5	This course is designed to enable all students at the high school level to familiarize themselves with the concepts of cybersecurity.

Introduction to Military Careers	0.5	This course is designed to enable all students at the high school level to familiarize themselves with the different careers offered by the US military and its branches. They will learn about the different branches of the military, their history, and organizational structures. They will also learn about the different occupations offered by the military branches and the qualifications required for them. Additionally, students will learn about enlistment requirements, training, pay system, and benefits of joining the US military. Finally, they will learn about the importance of personal traits, habits, and good health for a successful career in the military.
Introduction to iOS Mobile App. Dev.	0.5	This course is designed to introduce students to the process involved in creating an app. Students learn about history of and upcoming trends in mobile app development. They explore career options in mobile app development and describe skills and training required for mobile app development. They also describe the types of apps available in the market. Moreover, they learn about various platforms for developing iOS mobile apps. Further, they learn about the iOS development environment. Finally, they create the user interface of an app and make it interactive in Xcode.
Introduction to Philosophy	0.5	This one-semester course is intended as a practical guide to help you understand the subject matter of philosophy, its main branches, and the major ideas and issues discussed in each branch.
Introduction to Social Media	0.5	This one-semester elective course is intended as a practical, hands-on guide to help you understand the world of social media and how individuals, social groups, and businesses are using different types of social media.
Introduction to Veterinary Science	0.5	In the Introduction to Veterinary Science course, you will explore the history of veterinary science, and the skills and requirements for a successful career in the veterinary industry. You will also explore the physiology and anatomy of animals, learn how to evaluate their health, and determine effective treatment for infectious and noninfectious diseases. Additionally, you will learn about zoonotic diseases, and the impact of toxins and poisons on animal health.
Introduction to World Religions	0.5	Introduction to World Religions is a one-semester course with 14 lessons that discuss the origins, beliefs, and practices related to various world religions. The target audience for this course is high school students.

Marketing, Advertising, and Sales	0.5	This course will cover various marketing functions, product planning, advertising operations, and the process of selling.
Mythology and Folklore	0.5	This one-semester course is intended for you to familiarize yourself with various myths, legends, and folklore from around the world. In Mythology and Folklore, you will describe myths related to the creation of the world, the natural elements, and the destruction of the world. You will identify the main characters of various dynastic dramas, love myths, and epic legends and describe their journeys. You will trace the evolution of folklore and describe folktales from around the world.
Nutrition and Wellness	0.5	This course will cover basic knowledge about nutrition and wellness such as basic concepts of nutrition, the digestive and metabolic processes, nutrient requirements, dietary guidelines, importance of physical fitness, community health issues, food managements, and careers in the field of nutrition and wellness.
Principles of Arts, A/V Technology and Comm A	0.5	This course is designed to enable all students at the high school level to gain familiarity with the arts, audio/video technology, and communications career cluster. The course will help the students develop an understanding of the industry with a focus on skills required for achieving success the associated careers.
Principles of Arts, A/V Technology and Comm B	0.5	This course is designed to enable all students at the high school level to gain familiarity with the arts, audio/video technology, and communications career cluster. The course will help the students develop an understanding of the industry with a focus on skills required for achieving success the associated careers.
Principles of Business, Marketing, and Finance A	0.5	This course will cover the needs for technology in business organizations and how businesses use hardware, software, Internet, and emerging technologies. This course also covers productivity applications such as word processing software and spreadsheet software.
Principles of Business, Marketing, and Finance B	0.5	This course covers the use of presentation software for preparing, enhancing, and delivering business slideshows. It also covers how databases are used to store data and improve the decision-making capabilities of business organizations. Additionally, the course covers the principles of website design and project management in business organizations.

Principles of Education and Training A	0.5	This one-semester course is intended to help familiarize you with career opportunities in the education and training career cluster. This course covers career opportunities in the three pathways in the education and training cluster—administration, education, and professional support. In addition, the course covers personal and professional skills that are necessary for a career in this field.
Principles of Education and Training B	0.5	This one-semester course is intended to help familiarize you with teaching strategies as well as the importance of child growth and development for educators. This course explains child development, health, nutrition, and safety requirements for children. In addition, the course covers teaching strategies as well as technologies that can aid educators.
Principles of Engineering and Tech A	0.5	This course is designed to enable all students at the high school level to students understand engineering systems and technologies.
Principles of Engineering and Tech B	0.5	This course is designed to enable all students at the high school level to students understand the process of engineering design and examine manufacturing technologies and processes.
Principles of Government and Public Administration A	0.5	This one-semester course is intended to help you familiarize yourself with the foundations and functioning of governmental functions within the United States. This course has thirteen lessons organized into four units. Each unit has a Unit Activity, and each lesson contains one or more Lesson Activities. This course covers the history and development of the US Constitution, and the functions of government and public administration in the United States.
Principles of Government and Public Administration B	0.5	This course covers career opportunities in the field of government and public administration and the necessary interpersonal and technological skills required at the workplace. It also covers the role and impact of geography, science, and technology on governmental and public administrative functions.

Principles of Health Science A	0.5	Principles of Health Science, semester A is the first part of a two-semester course. It is designed to help you get an overview of healthcare careers relating to therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. You will learn about the history of health care in the United States, job opportunities in the five healthcare systems, the qualifications and skills required to work in the healthcare sector, and factors that are important in a workplace environment such as communication skills, knowledge of laws and ethics related to health care, and knowledge of health and wellness.
Principles of Health Science B	0.5	Principles of Health Science, semester B is the second part of a two-semester course. It is designed to help as a practical, hands-on guide to help you understand the human body systems and learn career skills related to health care. You will learn medical terminology, human anatomy, homeostasis, and different stages of human life. You will also learn about the personal qualities and professional skills that will help you succeed in the healthcare sector.
Principles of Hospitality and Tourism A	0.5	This course will cover the history, diversity, components, and career opportunities in the hospitality and tourism industry.
Principles of Hospitality and Tourism B	0.5	This course will cover interpersonal and communication skills, professional skills, and career opportunities in the hospitality and tourism industry.
Principles of Human Services A	0.5	This course covers the various career pathways in human services, such as counseling, mental health services, and consumer services. In addition, the course covers workplace skills, such as a positive work ethic, integrity, budgeting basics, self-representation, and teamwork.
Principles of Human Services B	0.5	This course covers the various career pathways in human services, such as childcare, family services, and personal care services. In addition, the course covers various workplace skills, such as customer service and internet and information technology skills.
Principles of Information Technology A	0.5	This course will cover principle concepts, such as basic computer hardware and software, creation of documents, spreadsheets, and databases, desktop publishing, database management systems, the Internet, privacy and legality in the context of online media, and social networking in the context of professional reach.

Principles of Information Technology B	0.5	This course will cover advanced concepts, such as organizational structure and management functions in IT, as well as legal and ethical procedures that apply to information technology. Further, the course will also cover emerging technologies, programming software, and computer networks. Finally, this course will cover advanced productivity applications, and web design and development.
Principles of Law, Public Safety, Corrections, and Security A	0.5	This course covers the history and development of criminal law in the United States, court procedures, the role of law enforcement agencies and private security in public safety, and the role of fire fighters and emergency responders. It also covers the ethical and legal responsibilities and working conditions in law enforcement and security.
Principles of Law, Public Safety, Corrections, and Security B	0.5	This course covers communication skills, math skills, and work ethics. It also covers job acquisition skills, career advancement skills, and other important professional skills and qualities required at the workplace.
Principles of Manufacturing A	0.5	This one-semester course is intended to help you familiarize yourself with the evolution of manufacturing and understand manufacturing processes and systems. This course has twenty-eight lessons organized into seven units. Each unit contains one or more Lesson Activities. This course will cover the history and evolution of manufacturing, manufacturing processes, engineering design, and production systems.
Principles of Manufacturing B	0.5	This one-semester course is intended to help you familiarize yourself with quality control systems, understand the importance of maintenance and marketing, and identify key professional and personal skills that are helpful in having a successful career in the field of manufacturing. This course will also familiarize you with the transportation, distribution, logistics and warehousing components. This course has twenty-seven lessons organized into four units. Each unit contains one or more Lesson Activities.
Principles of Transportation, Distribution, and Logistics A	0.5	This course covers the evolution of the TDL industry, various modes of transportation, and the role of the TDL industry in world trade and globalization. It also covers career opportunities in TDL. In addition, it covers workplace skills, such as positive work ethics, integrity, and self-representation. Finally, this course covers communication and interpersonal skills required to be successful in the workplace.

Principles of Transportation, Distribution, and Logistics B	0.5	This course covers the basic concepts of warehousing and workplace safety. It also familiarizes you with organization management and leadership skills. In addition, this course covers the role of technology and future trends in the TDL industry.
Professional Communications	0.5	This course covers the communication overview including the communication process, elements of effective communication, and barriers to communication. This course familiarizes you with reading, writing, speaking, and listening skills needed for general communication. Professional Communications also familiarizes you with communication skills required in business organizations. These skills equip you with the ability to appear for job interviews, participate in group discussions, and solve workplace problems. You also learn about the use of technology in communication.
Psychology A	0.5	In this course you will trace the history of psychology and examine key psychological theories. You will discuss human development and explain how the nervous and endocrine systems affect human development and behavior. You will explain various theories related to language development and acquisition. You will discuss the influence of heredity, environment, society, and culture on human behavior.
Psychology B	0.5	In this course you will explain the established theories of cognitive, psychosocial, and moral development. You will identify the factors that influence interpersonal relationships, recognize the origins and effects of violence, and describe prevention and treatment options for addictive behavior. You will explain abnormal behavior and describe different types of psychological disorders. You will trace the history of psychological counseling and therapy and describe strategies used for problem solving and coping with stress. You will describe some key statistical concepts used in psychological research and testing and identify career opportunities in psychology.
Revolutionary Ideas of Science	0.5	This one-semester course is a guide to help you understand the history of science from prehistoric to modern times. You will learn about inventions and discoveries in various fields of science, such as physics, chemistry, biology, genetics, computer science, Earth sciences, and astronomy.

SAT Prep	0.5	This SAT/ACT Prep course is designed to prepare students for the SAT and ACT exams through a comprehensive, fully virtual, and asynchronous learning environment. The course covers critical reading, writing, and math skills necessary for success on the SAT as well as the different sections of the ACT Test.
Sociology	0.5	You will explore the evolution of sociology as a distinct social science, learn about sociological concepts and processes, and discuss how the individual relates to society. You will also learn about the influence of culture, social structure, socialization, and social change in today's society.