



Greenbush Virtual Academy
Course Catalog
High School/Middle School
2021-2022



GREENBUSH
**VIRTUAL
ACADEMY**

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English Language Arts



ENGLISH LANGUAGE ARTS 6

This course eases students' transition to middle school with engaging, age-appropriate literary and informational reading selections. Students learn to read critically, analyze texts, and cite evidence to support ideas as they read essential parts of literary and informational texts and explore a full unit on Lewis Carroll's classic novel *Through the Looking Glass*. Vocabulary, grammar, and listening skills are sharpened through lessons that give students explicit modeling and ample practice. Students also engage in routine, responsive writing based on texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

ENGLISH LANGUAGE ARTS 7

Students grow as readers, writers, and thinkers in this middle school course. With engaging literary and informational texts, students learn to think critically, analyze an author's language, and cite evidence to support ideas. Students complete an in-depth study of Jack London's classic novel *White Fang* and read excerpts from other stories, poetry, and nonfiction. Explicit modeling and ample opportunities for practice help students sharpen their vocabulary, grammar, and listening skills. Students also respond routinely to texts they have read. In extensive, process-based writing lessons, students write topical essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

ENGLISH LANGUAGE ARTS 8

In this course, students build on their knowledge and blossom as thoughtful readers and clear, effective writers. A balance of literary and informational texts engage students throughout the course in reading critically, analyzing texts, and citing evidence to support claims. Students sharpen their vocabulary, grammar, and listening skills through lessons designed to provide explicit modeling

and ample opportunities to practice. Students also routinely write responses to texts they have read, and use more extensive, process-based lessons to produce full-length essays in narrative, informative, analytical, and argumentative formats. In this full-year course, students develop a mastery of reading, writing, and language arts skills.

ENGLISH LANGUAGE ARTS 9

This freshman-year English course engages students in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. **English Language Arts 9A** includes comparing/contrasting, *The Odyssey*, imagery and symbolism, word choice, parts of speech, comparing poetry, summarizing ideas, and descriptive language. **English Language Arts 9B** includes characterization, theme, irony, rhyme scheme and rhythm in a sonnet, compound and complex sentences, writing an informative essay, tragedy and drama (*Romeo and Juliet*), mystery and suspense (*The Raven*), writing a works cited page, writing a research-based argumentative essay, rhetoric and structure, and tracing the central idea.

ENGLISH LANGUAGE ARTS 10

Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary. Under the guidance of the eWriting software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays. **English Language Arts 10A** includes literary analysis of word choice, author's purpose, character, theme, plot, imagery, perspective and narration, structure and

includes a novel study of Animal Farm. **English Language Arts 10B** includes lessons on character and culture, poetry and plays, analysis of speeches, evaluating news reporting, and includes a study of The Tragedy of Julius Caesar.

ENGLISH LANGUAGE ARTS 11

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts. **English Language Arts 11A** includes works by Ralph Waldo Emerson, Thomas Paine, Henry David Thoreau, Herman Melville, Edgar Allan Poe, and Robert Frost. **English Language Arts 11B** includes works by Ernest Hemingway, Langston Hughes, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

ENGLISH LANGUAGE ARTS 12

This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain. **English Language Arts 12A** includes Gilgamesh, Beowulf, Grendel, Utopia, and Hamlet. **English Language Arts 12B** Includes romanticism, gothic novel (The Strange Case of Dr. Jekyll and Mr. Hyde), comedy (The Importance of Being Earnest), poetry, informational text, and fantasy literature.

LITERACY & COMPREHENSION I

This course is one of two intervention courses designed to support the development of strategic reading and writing skills. These courses use a thematic and contemporary approach, including high-interest topics to motivate students and expose them to effective instructional principles using diverse content area and real-world texts. Both courses offer an engaging technology-based interface that inspires and challenges students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning. This course is divided into 2 semesters - A & B.

LITERACY & COMPREHENSION II

Offering high-interest topics to motivate students who are reading two to three levels below grade, this course works in conjunction with Literacy & Comprehension I to use a thematic and contemporary approach to expose students to effective instructional principles using diverse content area and real-world texts. Each of these reading intervention courses offers an engaging, technology-based interface that inspires and challenges high school and middle school students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning. This course is divided into 2 semesters - A & B.

INTRODUCTION TO COMMUNICATIONS AND SPEECH

Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches.

WRITING SKILLS

This elective English course is designed to develop critical writing skills while preparing high school students to meet the demands of college-level work. This course uses the writing process and the Six Traits of effective writing as an overarching framework that encompasses targeted lessons on reputable research, effective communication, solid grammar, and compelling style. Students will have hands-on experience writing personal reflections, definition essays, persuasive and informative pieces, and literary analyses. This course is divided into 2 semesters - A & B.

MS NOVEL STUDIES

This elective English course is designed to introduce middle school students to several classic works of fiction. This course will cover the following fictional novels: The Red Badge of Courage, Call of the Wild, and The Three Musketeers.

ELA FOUNDATIONS

This 9th grade level English course is designed to introduce students to examining literary texts, delving into information and argumentative texts, and identifying basic grammar and writing concepts.

EXPOSITORY READING AND WRITING

This elective English course is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction and poetry, the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. This course is an ideal offering for students in upper high school grades who plan to attend college but need to develop stronger expository reading and writing skills to be successful.

Mathematics



MATHEMATICS 6

This course begins by connecting ratio and rate to multiplication and division, allowing students to use ratio reasoning to solve a wide variety of problems. Students further apply their understanding of multiplication and division to explain the standard procedure for dividing fractions. This course builds upon previous notions of the number system to now include the entire set of rational numbers. Students begin to understand the use of variables as they write, evaluate, and simplify expressions. They use the idea of equality and properties of operations to solve one-step equations and inequalities. In statistics, students explore different graphical ways to display data. They use data displays, measures of center, and measures of variability to summarize data sets. The course concludes with students reasoning about relationships among shapes to determine area, surface area, and volume.

MATHEMATICS 7

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

MATHEMATICS 8

The course begins with a unit on input-output relationships that builds a foundation for learning about functions. Students make connections between verbal, numeric, algebraic, and graphical representations of relations and apply this knowledge to create linear functions that can be used to model and solve mathematical and real-world problems. Technology is used to build deeper connections among representations. Students focus on formulating expressions and equations, including modeling an association in bivariate data with a linear equation, and writing and solving linear equations and systems of linear equations. Students develop a deeper understanding of how translations, rotations, reflections, and dilations of distances and angles affect congruency and similarity. Students develop rules of exponents and use them to simplify exponential expressions. Students extend rules of exponents as they perform operations with numbers in scientific notation. Estimating and comparing square roots of non-perfect squares to perfect squares exposes students to irrational numbers and lays the foundation for applications such as the Pythagorean theorem, distance, and volume.

PRE-ALGEBRA

This course is designed for students who have completed a middle school mathematics sequence but are not yet algebra-ready. This course reviews key algebra readiness skills from the middle grades and introduces basic Algebra I work with appropriate support. In **Pre-Algebra A** students revisit concepts in numbers and operations, expressions and equations, ratios and proportions, percent, number properties, and basic functions of analytic geometry. **Pre-Algebra B** includes geometry basics, probability, statistics, and square root. By the end of the course, students are ready to begin a more formal high school Algebra I study.

ALGEBRA I

This course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. **Algebra 1A** includes quantitative reasoning, functions, graphs, linear functions, linear equations and inequalities, systems of linear equations, and nonlinear functions. **Algebra 1B** includes polynomial expressions, factoring, quadratic functions, quadratic equations, exponential functions, and data analysis.

GEOMETRY

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

ALGEBRA II

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. **Algebra IIA** begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. The course includes quadratics and complex numbers, factoring polynomials, rational functions, and radical functions. **Algebra IIB** continues with exponential and logarithmic functions, statistics and probability, trigonometric functions, and mathematical modeling.

PRECALCULUS

With an emphasis on function families and their representations, Precalculus is a thoughtful introduction to advanced studies leading to calculus. **Pre-Calculus A** includes functions and modeling, trigonometry, analytic trigonometry, complex numbers and polar coordinates, and vectors. **Pre-Calculus B** includes matrices, systems and matrices, analytic geometry, sequences and series, and limits.

MATHEMATICAL MODELS WITH APPLICATIONS

Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Prior mathematical knowledge is expanded, and new knowledge and techniques are developed through real-world application of useful mathematical concepts. **Math Models A** includes problem-solving models, functions and graphs, data analysis, statistical models, probability, and function models. **Math Models B** includes financial models, future planning, exponential functions, trigonometric functions, and geometric models.

FINANCIAL MATH

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. **Financial Math A** covers topics such as personal financial planning, income, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, and buying a house. **Financial Math B** covers topics such as consumer loans, consumer credit/debt, economic principles, traveling abroad, starting a business, and analyzing business data. This course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

CONCEPTS IN PROBABILITY AND STATISTICS

This course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Algebra II and Pre-Calculus. **Concepts A** begins with an in-depth study of

probability and an exploration of sampling and comparing populations. It also includes units on data distributions and data analysis. **Concepts B** students create and analyze scatterplots and study two-way tables, applications of probability and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations and permutations, and sets.

TRIGONOMETRY

In this one-semester course, students use their geometry and algebra skills to begin their study of trigonometry. Students will be required to express understanding using qualitative, quantitative, algebraic, and graphing skills. This course begins with a quick overview of right-triangle relationships before introducing trigonometric functions and their applications. Students explore angles and radian measures, circular trigonometry, and the unit circle. Students extend their understanding to trigonometric graphs, including the effects of translations and the inverses of trigonometric functions. This leads to the laws of sines and cosines, followed by an in-depth exploration of trigonometric identities and applications. This course ends with an introduction to the polar coordinate system, complex numbers, and DeMoivre's theorem.

INTERMEDIATE COLLEGE ALGEBRA

Intermediate College Algebra A covers functions, quadratics and complex numbers, the fundamental theorem of algebra, logarithms and rational expressions, probability, statistics, and the applications of statistics and probability. **Intermediate College Algebra B** covers vectors, systems of equations and matrices, conic sections, trigonometric functions and graphs, and trigonometric identities.

INTERMEDIATE ALGEBRA/GEOMETRY

Intermediate Algebra/Geometry A includes equations and inequalities, ratios, proportional relations and percents, number properties (exponents/scientific notation), and analytic geometry (linear functions/graphing/slope).

Intermediate Algebra/Geometry B includes geometry basics (angles/transversals/transformations), counting and probability, analyzing data representation and scatterplots, square roots and right triangles, two-dimensional geometry (perimeter/area/constructions), and three-dimensional geometry (solid figures/area/volume).

STATISTICS

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

Science



SCIENCE 6

Science 6 is a year-long middle school level course that builds on basic principles of scientific study. Science 6 covers units on atoms, elements, and compounds, motion and forces, electricity and magnetism, weather and climate, the importance of cells, cellular energy and reproduction, genetics and heredity, and understanding organisms.

SCIENCE 7

Science 7 is a year-long middle school level course that builds on basic principles of scientific study. **Science 7** covers units on atoms and the periodic table, states and properties of matter, chemical reactions, forms of energy, waves, sound, and light, the changing Earth, and organisms and the environment.

SCIENCE 8

Science 8 is a year-long middle school level course that builds on basic principles of scientific study. **Science 8** covers units on Earth in the universe, history of the Earth, natural and artificial selection, plate tectonics, water on Earth, weather systems and climate change, and Earth's natural resources.

PHYSICAL SCIENCE

This course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. **Physical Science A** includes an overview of matter, atoms/elements, bonding, chemical reactions, solutions/other mixtures, and motion and forces. **Physical Science B** builds on these concepts and covers the properties of electricity and magnetism and the effects of these phenomena, work and energy, temperature and heat, waves and sounds, and light.

BIOLOGY

This course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. **Biology A** covers ecology, building blocks of life, cell biology, and cellular processes. **Biology B** covers heredity, the evolution of life, and taxonomy.

CHEMISTRY

This course engages students in the study of the composition, properties, changes, and interactions of matter. **Chemistry A** covers the basic concepts of chemistry including chemistry and its methods, the composition and properties of matter, chemical bonding, chemical reactions, and stoichiometry. **Chemistry B** covers states of matter, thermodynamics, acids and bases, organic chemistry, and nuclear chemistry.

PHYSICS

This course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles. **Physics A** covers motion, forces, gravity, work and energy, and thermodynamics. **Physics B** covers waves and sound, light, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world.

ENVIRONMENTAL SCIENCE

Environmental science offers lessons that cover many aspects of the field. **Environmental Science A** covers ecology, the biosphere, and the land. **Environmental Science B** covers forests and soil, water, energy and resources, and societies and policy. Students connect scientific theory and concepts to current, real-world dilemmas.

EARTH AND SPACE SCIENCE

Earth and Space Science is a course that builds on basic principles of scientific study. **Earth and Space Science A** covers units on the structure of the universe, the history of the Earth, Earth's interior and plate tectonics, and rocks and minerals. **Earth and Space Science B** continues with units on weathering, erosion, and deposition, Earth's atmosphere and weather, climate and climate change, and Earth's natural resources.

Social Studies

MS U.S. HISTORY

Offering an interactive and comprehensive overview of American history, this course engages and inspires students to learn about the rich and diverse history of America's native peoples, early European colonization and settlement in America, and the creation of a new nation through the American Revolution. Middle school students enrolled in this course will closely examine major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and consider the implications each of these events had on the expansion of the United States' global influence through modern times. Over the course of two semesters, interesting course content encourages students to think carefully about the challenges and opportunities facing the United States in the twenty-first century.

MS ANCIENT WORLD HISTORY

This yearlong course covers ancient peoples, cultures, civilizations, and innovations through approximately 300 CE. Students are introduced to historical inquiry skills for application to studies of ancient civilizations. Students explore physical and human geography to explain how ancient people interacted with the environment and understand how civilizations developed. Students study early economies and how trade relations affected culture and language. In later lessons, students examine how early forms of government and technology have had a lasting influence on modern civilization. Throughout the course, students analyze maps and primary sources to identify patterns and make connections across time and space. Students are exposed to diverse cultures and learn to explore the past with historical empathy.

MS CIVICS, GOVERNMENT, & ECONOMICS

Exploring the structure of the United States government on a national, state, and local level, this course challenges students to learn and understand fundamental concepts and philosophies that led to the creation of the United States Constitution. Students enrolled in this two-semester course analyze the political process, political parties, and influences that



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

MS WORLD CULTURES & GEOGRAPHY

Designed to introduce students to the study of geography, this course helps students master important concepts in physical and human geography. Comprehensive and organized by region, this two-semester middle school course helps students understand the Earth's physical and human diversity. Students analyze population and settlement patterns and evaluate the ways that human activities modify the physical environment. While studying humans around the world, students compare development, standards of living, systems of government, and economic factors across the globe. In addition, students gain a rich understanding of global cultures and the historical factors that have shaped the world around them. All units in the course are parallel and include studies in physical and human geography, ancient cultures, regional studies, and modern issues.

MS WORLD HISTORY

Providing students with an opportunity to learn the diverse history that has shaped our world, this course delves into the evolution of civilization from the rise of ancient empires through the twenty-first century. Middle school students enrolled in this exciting and informative course investigate the development of medieval societies, the effects of the Renaissance and the Reformation, and the progress made during various periods of revolution, industrialization, urbanization, and reform. Over the course of two semesters, students analyze effects of political conflicts and social issues on the continuing development and interdependence among nations in the modern world.

MS GEOGRAPHY

This semester-long 7TH grade course includes an introduction to geography, physical geography (Physical features, and Physical systems), Human Geography (Culture, Government, Economics, and Religion) as well as the Human Impact on the Earth and Physical systems.

MODERN WORLD HISTORY

This course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. **Modern World History A** covers the influence of Greek and Roman governments, Enlightenment and Revolution, Nationalism and the growth of nation-States, Industrialization, Economic and Social Change, the New Imperialism, and World War I and its effect. **Modern World History B** covers Totalitarianism, World War II, the Post-war World, the Cold War, National Building in the Modern World, and Challenges of the Modern World.

EARLY U.S. HISTORY

Early U.S. History is a course that explores the people, places, and events that shaped early United States history. **Early U.S. History A** covers the Era of Exploration, the Thirteen Colonies, the Revolution, and the New Nations. **Early U.S. History B** covers Jacksonian Democracy, Manifest Destiny, Sectionalism, Slavery in America, Rising Tensions in the country and abroad, the Civil War, Reconstruction and Expansion. As students study the early history of the United States, students will learn critical-thinking skills by examining the constitutional foundations of U.S. government. Recurring themes such as territorial expansion, the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction.

U.S. HISTORY

U.S. History is a course that examines the major events and turning points of U.S. history from the Industrial Revolution through the modern age. **U.S. History A** covers Industrialization and the Gilded Age, Immigration and

Urbanization, Populism and the American West, Progressivism and Reform, Imperialism and the Great War, and the 20's and the Great Depression. **U.S. History B** covers entering World War II, fighting World War II, the Rise of the Cold War, Civil Rights, Cultural Change, the 70's and 80's, and America in the Modern World. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on our country. Students will also examine the influence of social and political movements on societal change and the importance of modern cultural and political developments.

ECONOMICS

This course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, fiscal and monetary policy, and the role of government in a free-enterprise system and the global economy.

HUMAN GEOGRAPHY

Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. **Human Geography A** covers an introduction to human and physical geography, global geography of the continents/nations of the world, analyzing populations, and geographic cultures. **Human Geography B** covers politics and boundaries, challenges to modern governments, agriculture and land use, industrialization and economic development, and the urban environment (land use/economic development). This course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories.

WORLD GEOGRAPHY

This course provides students with an understanding of themes and skills in relation to physical features, climate, ecosystems, political and cultural climate, physical environments, economies, and modern issues for various areas in the world. **World Geography A** covers areas in Europe, Latin American and the Middle East. **World Geography B** covers areas in

North and Sub-Saharan Africa, Central and East Asia, South and Southeast Asia, Australia, Antarctica, and the Pacific World.

U.S. GOVERNMENT

This course provides students with a practical understanding of the principles and procedures of government. The **semester course** covers an introduction to government, the Constitution, Civil Rights and Liberties, government institutions, civics and participation, and public policy. **U.S. Government A** of the year-long course contains an introduction to government, the Constitution in-depth, the Bill of Rights, and other important amendments. **U.S. Government B** contains an in-depth look at the government institutions (Congress, Presidency, Courts), Civics and Participation, politics, and public policy.

SURVEY OF WORLD HISTORY

This high school level course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history.

SURVEY OF U.S. HISTORY

This high school level course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. History as it moves from the Era of Exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped U.S. history.

CIVICS AND CITIZENSHIP

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

General Electives



INTRODUCTION TO ART

Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this one-semester course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

ART HISTORY

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, the students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth- and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

CONTEMPORARY HEALTH

This course examines and analyzes various health topics and focuses on creating a healthy lifestyle through personal health and wellness, personal health skills, safety and environmental health, mental and emotional health, family and social health, nutrition and physical activity, growth and development, tobacco, alcohol and drugs, diseases and disorder. Students also examine and analyze harassment and bullying laws. This course covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics. The course is divided into two semesters - A & B.

LIFETIME FITNESS

One semester physical education course that covers an introduction to fitness, safety, fitness fundamentals, health-related fitness, flexibility, and skills for lifelong fitness.

PHYSICAL EDUCATION

Physical Education A includes health and wellness basics, designing a personal fitness plan, safety and environmental health, lifetime fitness, skills for wellness, and skills for personal success. **Physical Education B** includes fitness and the body, movement in the body, muscular fitness, flexibility, cardiorespiratory fitness, sport selection, and being sports ready.

ONLINE LEARNING & DIGITAL CITIZENSHIP

This course provides students with a comprehensive introduction to online learning, including how to work independently, stay safe, and develop effective study habits in virtual learning environments. This course prepares students by providing practice in important study skills such as time management, effective notetaking, test preparation, and collaborating effectively online.

PSYCHOLOGY

This course introduces students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives.

Psychology A includes an introduction to psychology, psychological research methods, psychology and the body, the nature of the human experience, theories of learning, memory, language, and intelligence. **Psychology B** includes motivation, emotion, and personality, human growth and development, identity formation, disorders and treatments, and social psychology.

SOCIOLOGY

Providing insight into the human dynamics of our diverse society, this course delves into the fundamental concepts of sociology. **Sociology A** covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, and social

stratification. **Sociology B** covers racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

STRATEGIES FOR ACADEMIC SUCCESS

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

FOUNDATIONS OF PERSONAL WELLNESS

Exploring a combination of health and fitness concepts, this comprehensive and cohesive course explores all aspects of wellness. Offered as a two-semester course designed for high school students, coursework uses pedagogical planning to ensure that students explore fitness and physical health and encourages students to learn about the nature of social interactions and how to plan a healthy lifestyle (This course contains content from Lifetime Fitness; to avoid duplication, students should take either that semester-long course or this full-year course).

World Languages

(also available for Middle School students)

SPANISH I

Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. The course is divided into two semesters - A & B.

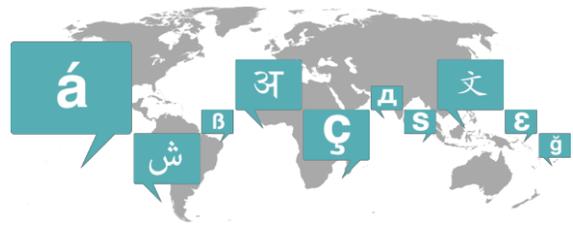
SPANISH II

High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments. The course is divided into two semesters - A & B.

SPANISH III

In this expanding engagement with Spanish, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations

covering major Spanish-speaking areas in Europe and the Americas. The course is divided into two semesters - A & B.



FRENCH I

Students in high school begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and across the globe. The course is divided into two semesters - A & B.

FRENCH II

High school students continue their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major French-speaking areas across the globe, and assessments. The course is divided into two semesters - A & B.

FRENCH III

Students deepen their engagement with French and read significant works of literature in French and respond orally or in writing. Students continue the pattern and building on what they encountered in the first two year.

Career and Technical Education



CAREER EXPLORATIONS

This middle school level course prepares students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skill demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. **Career Explorations A** addresses careers A-G and **Career Explorations B** addresses careers H-Z.

CAREER PLANNING & DEVELOPMENT

Introducing students to the working world, this course provides the knowledge and insight necessary to compete in today's challenging job market. **Career Planning A** helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, create a self-assessment profile, a cover letter, and a resume that can be used in their educational or career portfolio. **Career Planning B** explores starting a new job, the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve.

COMPUTER APPLICATIONS: OFFICE® 2016

This course introduces students to the features and functionality of Microsoft® Office®. Through video instruction, interactive skill demonstrations, and numerous hands-on practice assignments, students learn to develop, edit and share Office 2016 documents for both personal and professional use. **Office 2016 A** covers Word Basics, using Word, Excel Basics, and using Excel. **Office 2016 B** covers PowerPoint basics, using PowerPoint, and Outlook Basics.

FUTURE READINESS - CHARTING YOUR PATH

This course leads a student through self-exploration, career-exploration, and career readiness. It includes assignments from Xello and Nearpod to augment Edgenuity lessons. This course will culminate in a Career Presentation and Portfolio activities and help with developing an Individual Plan of Study.

INTRODUCTION TO COMPUTER SCIENCE

This course is designed for High School students and introduces them to the foundational concepts of computer science and challenges them to explore how computing and technology can affect the world. Students have creative, hands-on learning opportunities to create computer programs, develop web pages, design mobile apps, write algorithms, and collaborate with peers while building strong foundational knowledge.

MICROSOFT® OFFICE® SPECIALIST - OFFICE 2016

This course introduces students to the features and functionality of Microsoft® Office® 2016 while preparing them for the beginning, intermediate, and advanced levels of the Microsoft User Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word®, Excel®, PowerPoint®, Outlook®, and Access®. By the end of the course, students are prepared to demonstrate their skills by obtaining one or more MOS certifications. This course is divided into two semester - A & B.

PERSONAL FINANCE

This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this course, students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and basic economic principles.

HEALTH SCIENCE CONCEPTS

This course introduces students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. **Health Science Concepts A** includes the human body and genetics, tissues, organs, and systems, diseases and disorders, and the musculoskeletal system. **Health Science Concepts B** includes the nervous and sensory system, cardiovascular system, respiratory system, the integumentary, lymphatic, and immune systems, the digestive, urinary, and endocrine systems, and the human reproduction and development systems. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

INTRODUCTION TO BUSINESS

In this introductory course, students learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today's fast-paced business environment. **Introduction to Business A** covers an introduction to economics, costs and profit, The basics of financing a business, how a business relates to society both locally and globally, how to identify a business opportunity, and techniques for planning, executing, and marketing a business to respond to that opportunity. **Introduction to Business B** covers selling and pricing, customers, inventory, workplace skills, career development, basic presentation skills, and data analysis. This course requires the use of Open Office.

INTRODUCTION TO PROGRAMMING

This course teaches the key skills and concepts students need in the area of computer programming. Topics covered include an introduction to programming, writing and testing code, programming with lists and loops, encoding and decoding text, learning about types of errors, and debugging a program.

INTRODUCTION TO HEALTH SCIENCE

This course introduces students to a variety of healthcare careers, as they develop the basic skills required in all health and medical sciences. **Introduction to Health Science A** includes health science pathways and careers, ethics and the law, healthcare systems, patient care, and health and wellness. **Introduction to Health Science B** includes safety in the workplace, first aid, leadership/teamwork, career skills, and technology in the health sciences. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the health care field.

MEDICAL TERMINOLOGY

This course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the health care field with a deeper understanding of the application of the language of health and medicine. This course is divided into two semesters - A & B.

NURSING ASSISTANT

This ~~two-semester~~ course prepares students to provide and assist with all aspects of activities of daily living and medical care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology, care procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills.

PHARMACY TECHNICIAN

This ~~two-semester~~ course prepares students to learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills.

eDynamic Learning Electives

MS Level (most courses have required materials)

LEARNING IN A DIGITAL WORLD: DIGITAL CITIZENSHIP

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.

MS 2D STUDIO ART

Do you like to draw, paint, or take pictures? Whatever medium you prefer, this course will teach you the design elements and principles needed to create a work of art and explore your artistic inspirations. You'll also travel back in time to look at art in different cultures and learn about the art of critiquing. Let's turn your creative dreams into reality!

MS CAREER EXPLORATION 1

How do you pick a career path when you're not sure what's even out there? This course allows you to begin exploring options in fields such as teaching, business, government, hospitality, health science, IT, and more! You'll align your interests, wants, and needs to career possibilities, including the required education for each. Let's find a pathway that works for *you*.

MS CAREER EXPLORATION 2

Imagine that it's 20 years from now. What career do you see yourself in? What do you imagine that you'll be doing? In this course, you'll explore more careers and what it takes to succeed in different fields. You'll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices to find one that's best for you.



MS CODING 1A

Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding 1a, you will get an introduction to the basics of computer science, HTML, CSS, JavaScript, and Python. You'll leave the course with a portfolio of work you can show off.

MS CODING 1B

Let's take the coding skills you learned in the previous course to the next level! You'll expand your knowledge with Advanced Python, HTML, and JavaScript. You'll further build out your portfolio and start thinking about a career in the fast-growing IT field.

MS DIGITAL ART & DESIGN

The world is filled with so many different forms of art – including digital art. In this course, you'll explore this special genre of art found in everything from advertising to animation to photography and beyond. Additionally, you'll tap into your creative side to create digital art and make it come alive!

MS EXPLORING BUSINESS

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

MS EXPLORING HEALTH SCIENCE

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

MS EXPLORING INFORMATION TECHNOLOGY

Are you interested in creating a website or app, or managing various technology solutions, but not sure where to start? If so, then it's time to explore the different career options available to you in IT and learn the foundations of IT to get you started.

Examine various IT pathways of web and digital communications, information and support services, network systems, and programming and software development. Let's investigate which career pathway is right for you!

MS EXPLORING MUSIC

What comes to mind when you hear the word 'music'? Do you think about your favorite band or artist? In this course, you'll learn about how we hear music; how music affects our lives; essential elements of music like rhythm, pitch, and harmony; different musical genres; singing and your voice; various instruments; music composition; and the history and culture of music over the years.

MS FITNESS

What does being fit mean to you? It's more than just a number on a scale, and this course will help you understand the basics behind what it means to be physically fit. Learn how your body functions; learn the complex science behind exercise; explore what it means to be mindful and what inspires you and determine how you can test your current level of fitness.

MS GAME DESIGN 1A - INTRODUCTION

We love to play video games, but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in this interactive and hands-on course that will teach you all the ins and outs of making your own game.

MS GAME DESIGN 1B - CREATING A GAME

It's time to take your Game Design knowledge up a level! You built your game design skills and Scratch techniques in the first part of this course. By the end, you wrote your game design document. Now you are ready to start developing that game! You'll create details and add component pieces in a game while learning to prototype, troubleshoot, and test.

MS JOURNALISM

Are you someone who likes to write to get the story straight? Skilled journalists know how to find key facts and write them up in a way that makes it easy for others to read. In this course, you'll learn how to ask the right questions, how to gather information effectively, organize ideas, format stories, and edit your articles. Get ready to break that news!

MS PHOTOGRAPHY 1A - INTRODUCTION

Photographs are all around us, and each helps to tell a story. Now it's time for you to create your story through photos you learn how to take in this course. Learn the basics of using a camera, lighting, and how to choose great subjects to create magazine-worthy photos and amaze your friends and family with your skills.

MS PHOTOGRAPHY 1B - DRAWING WITH LIGHT

Do you have vacation photos or pics of your pet that need a little editing? How about getting ready to add that new selfie you took to your social media platform? Taking photos is an art, and editing photos is a skill that many photographers seek to master. Explore how to manipulate angles and lighting, the purpose for different types of photo files, how to use different software to edit photos, and safe places you can store them. You'll be well on your way to being an editing guru when you're done with this course.

eDynamic Learning Electives

HS Level (most courses have required materials)

Courses by Career Cluster:

Agriculture, Food & Natural Resources

AGRISCIENCE 1 - INTRODUCTION

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!

AGRISCIENCE 2 - SUSTAINING HUMAN LIFE

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.

BIOTECHNOLOGY 1A - INTRODUCTION

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

BIOTECHNOLOGY 1B - UNLOCKING NATURE’S SECRETS

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!

INTRODUCTION TO FORESTRY/NATURAL RESOURCES

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.

INTRODUCTION TO RENEWABLE TECHNOLOGIES

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.

PRINCIPLES OF AGRICULTURE, FOOD, NATURAL RESOURCE

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.

VETERINARY SCIENCE

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!

WORKPLACE & INTERNSHIP READINESS

Starting your first “real” job can be intimidating. But when you know what to expect and learn how to be successful, you’ll feel confident about the hiring process and prepared to put yourself out there! Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career

options, and envision your own personal career path. Get ready to create a powerful launching pad that will help you blast off into a great first job experience!

Arts, A/V Technology & Communications

3D MODELING

Are you curious about working in fields like virtual reality, video game design, marketing, television and motion pictures, or digital imaging? This is a great place to start as it is the foundation for all these career paths. Explore graphic design and illustration as you use 3D animation software to create design projects while developing your drawing, photography, and 3D construction techniques. Let's get creating!

ANIMATION 1A - INTRODUCTION

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!

ANIMATION 1B - ANIMATING YOUR CREATIVITY

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.

ART IN WORLD CULTURES

Art tells a story. Go on a journey of when humans began creating art in prehistoric times to ancient Roman, early Christian, and Medieval periods. Explore the artistic characteristics of the Renaissance, Americas, Baroque, Romantic, and more. Learn the elements and design principles of art, and about some of the greatest artists in the world, while creating your own art, both on paper and digitally. It's time to tell your story through art.

DIGITAL MEDIA FUNDAMENTALS 1A - INTRODUCTION

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

DIGITAL MEDIA FUNDAMENTALS 1B- THE WEB

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

DIGITAL PHOTOGRAPHY 1A - INTRODUCTION

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.

DIGITAL PHOTOGRAPHY 1B - CREATING IMAGES

Let's further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring your photos to life, and using this knowledge, build a portfolio of your work to pursue a career in this field!

DIGITAL PHOTOGRAPHY - DISCOVERING POTENTIAL

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.

FASHION DESIGN

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!

FOUNDATIONS OF GAME DESIGN 1A - INTRODUCTION

Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process,

critiques, and game development tools. Put these new skills to work by designing your own game!

FOUNDATION OF GAME DESIGN 1B

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.

INTERIOR DESIGN

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.

JOURNALISM 1A - INTRODUCTION

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.

JOURNALISM 1B - INVESTIGATING THE TRUTH

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.

PUBLIC SPEAKING 1A - INTRODUCTION

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.

PUBLIC SPEAKING 1B - FINDING YOUR VOICE

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.

THEATER, CINEMA & FILM PRODUCTION 1A

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!

THEATER, CINEMA & FILM PRODUCTION 1B

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.

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Business Management & Administration

ACCESS

Learn to create, manage, and link databases for essential business operations. Develop your database, design, and planning skills and learn to implement security features to protect and back-up your important data. Put your new skills into practice with a capstone project. The content of this course will be applicable to the Microsoft Office Suite certification exam.

BUSINESS COMMUNICATIONS 1A - INTRODUCTION

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.

BUSINESS INFORMATION MANAGEMENT 1A - INTRO

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

BUSINESS INFORMATION MANAGEMENT 1B

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

BUSINESS LAW 1A

Whether you plan on starting your own business or being in charge of one, it is crucial 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.

BUSINESS LAW 1B

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

BUSINESS OWNERSHIP 1A - INTRODUCTION

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!

ENTREPRENEURSHIP 1A - INTRODUCTION

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!

ENTREPRENEURSHIP 1B

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!

EXCEL

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.

INTERNATIONAL BUSINESS

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.

LEGAL ADMIN SPECIALIST 1A - INTRODUCTION

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.

LEGAL ADMIN SPECIALIST 1B

Wherever your legal admin career takes you, understanding the responsibilities of a law office requires strict attention to detail, communication skills, office competence, and legal savvy. What

does a legal admin need to know and what duties do they perform? How do confidentiality, cybersecurity, and client relations look different in a legal office? Learn the answers to these questions and so much more for this exciting career with endless opportunities to prove your value, learn, and grow.

MANAGEMENT 1A - INTRODUCTION

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.

MANAGEMENT 1B

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.

OFFICE ADMINISTRATION 1A - INTRODUCTION

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.

OFFICE ADMINISTRATION 1B

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!

OUTLOOK

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.

POWERPOINT

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.

PRINCIPLES OF BUSINESS, MARKETING, FINANCE 1A

Discover the fundamental knowledge that will help you pursue a career in business, as well as always generating interest and buzz around the products and services offered. Explore different types of businesses and ownership forms, the impact of governments on business, and the marketing of goods and services. Learn about globalization, free trade, and various economic systems, as well as the impact of technology on business, business ethics, and social responsibility.

PRINCIPLES OF BUSINESS, MARKETING, FINANCE 1B

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

PUBLIC SPEAKING 1A

(See Arts, A/V Technology & Communications for description)

PUBLIC SPEAKING 1B

(See Arts, A/V Technology & Communications for description)

WORD

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.

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Education & Training

EARLY CHILDHOOD EDUCATION 1A - INTRODUCTION

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!

EARLY CHILDHOOD EDUCATION 1B - DEVELOPING EARLY LEARNERS

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.

REAL WORLD PARENTING

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.

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Family & Consumer Sciences

CULINARY ARTS 1A - INTRODUCTION

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.

CULINARY ARTS 1B - FINDING YOUR PALATE

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!

CULINARY ARTS 2 - BAKING, PASTRY, AND MORE

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.

FASHION DESIGN

(See Arts, A/V Technology & Communication for description)

HEALTH 1 - LIFE MANAGEMENT SKILLS

What does it mean to be healthy? In the simplest terms, it means taking care of our body and mind. Explore the connections between your physical, mental, and social health. Learn how to promote better health by decreasing stress and finding a fuller vision for your life through lifestyle choices, interactions with others, healthcare, and making sensible dietary choices. Build your plan to ensure your overall health, happiness, and well-being!

HOSPITALITY & TOURISM 1 - TRAVELING THE GLOBE

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.

HOSPITALITY & TOURISM 2A - HOTEL/RESTAURANT MGMT

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.

HOSPITALITY & TOURISM 2B

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.

INTERIOR DESIGN

(See Arts, A/V Technology & Communication for description)

NUTRITION & WELLNESS

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.

PERSONAL & FAMILY FINANCE

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.

READING & WRITING FOR PURPOSE

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.

REAL WORLD PARENTING

(See Education & Training for description)

RESTAURANT MANAGEMENT

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.

INTRODUCTION TO SOCIOLOGY

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

SOCIOLOGY - YOUR SOCIAL LIFE

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.

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Finance

PERSONAL & FAMILY FINANCE

(See Family & Consumer Sciences for description)

PRINCIPLES OF BUSINESS, MARKETING, FINANCE 1A

(See Business Management & Administration for description)

PRINCIPLES OF BUSINESS, MARKETING, FINANCE 1B

(See Business Management & Administration for description)

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Government & Public Administration

HUMAN GEOGRAPHY - OUR GLOBAL IDENTITY

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.

INTRODUCTION TO MILITARY CAREERS

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.

LEGAL ADMIN SPECIALIST 1A - INTRODUCTION

(See Business Management & Administration for description)

NATIONAL SECURITY

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.

PRINCIPLES OF PUBLIC SERVICE

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!

SOCIAL PROBLEMS - A WORLD IN CRISIS

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.

SOCIAL PROBLEMS - CRISIS, CONFLICTS & CHALLENGES

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.

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Health Sciences

ALLIED HEALTH ASSISTANT 1A - INTRODUCTION

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.

ALLIED HEALTH ASSISTANT 1B - SKILLS & SPECIALITIES

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.

ANATOMY & PHYSIOLOGY 1A - INTRODUCTION

Whether you plan on pursuing a career in health sciences or simply looking to gain an understanding of how the human body works, you'll first need to understand the relationship between anatomy and physiology. Learn how to read your body's story through understanding cell structure and their processes, and discover the

functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems.

ANATOMY & PHYSIOLOGY 1B

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

DENTAL ASSISTANT 1A - INTRODUCTION

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.

DENTAL ASSISTANT 1B

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!

EKG TECHNICIAN 1A

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

EKG TECHNICIAN 1B

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 an EKG Technician!

EMERGENCY MEDICAL RESPONDER 1A

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.

EMERGENCY MEDICAL RESPONDER 1B

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.

HEALTH 1 - LIFE MANAGEMENT SKILLS

(See Family & Consumer Sciences for description)

HEALTH SCIENCE FOUNDATIONS 1A

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.

HEALTH SCIENCE FOUNDATIONS 1B

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.

HEALTH SCIENCE II

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.

HEALTH SCIENCE NURSING

The demand for nurses has never been higher! Learn what it takes to become a nurse, pursue a career, and understand the practice of nursing and the healthcare system. With a strong focus on patient care, you'll explore safety, communication and ethics, relationship building, and how to develop wellness strategies for your patients. From emergency to rehabilitative care, to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.

HEALTH SCIENCE PUBLIC HEALTH

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.

HEALTH SCIENCE - THE WHOLE INDIVIDUAL

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.

MEDICAL DIAGNOSTIC TECHNOLOGY 1A

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!

MEDICAL DIAGNOSTIC TECHNOLOGY 1B

Our bodies are complex, and when we start feeling ill, a doctor or specialist must analyze and diagnose what could be wrong. Learn about different diagnostic technology, procedures, essential body systems, and fluids that need to be understood to make an accurate diagnosis of a disease, condition, or illness. This career field is flourishing, and now is the time to be part of it!

MEDICAL TERMINOLOGY 1A

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.

MEDICAL TERMINOLOGY 1B

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.

NURSING ASSISTANT 1A

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.

NURSING ASSISTANT 1B

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.

PHARMACOLOGY 1A

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.

SPORTS MEDICINE 1A

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

SPORTS MEDICINE 1B

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!

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Hospitality & Tourism

CULINARY ARTS 1A - INTRODUCTION

(See Family & Consumer Sciences for description)

CULINARY ARTS 1B - FINDING YOUR PALATE

(See Family & Consumer Sciences for description)

CULINARY ARTS 2 - BAKING, PASTRY AND MORE

(See Family & Consumer Sciences for description)

HOSPITALITY & TOURISM - TRAVELING THE GLOBE

(See Family & Consumer Sciences for description)

HOSPITALITY & TOURISM 2A - HOTEL/RESTAURANT MGMT

(See Family & Consumer Sciences for description)

HOSPITALITY & TOURISM 2B

(See Family & Consumer Sciences for description)

RESTAURANT MANAGEMENT

(See Family & Consumer Sciences for description)

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Human Services

COSMETOLOGY - CUTTING EDGE STYLES

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 regimens 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!

COSMETOLOGY 2 - SKIN & NAIL CARE

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.

COSMETOLOGY 3A - INTRO TO HAIR SKILLS

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.

COSMETOLOGY 3B - ADVANCE HAIR SKILLS

Let's delve into the realm of hairstyling and cutting techniques! Explore a variety of wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Discover manual curling and the use of chemicals to curl and straighten hair, as well as safety when working with chemicals. Expect to be well versed with a plethora of hair skills upon completion.

EARLY CHILDHOOD EDUCATION 1A

(See Education and Training for description)

EARLY CHILDHOOD EDUCATION 1B

(See Education and Training for description)

HUMAN & SOCIAL SERVICES 1 - INTRODUCTION

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.

PERSONAL & FAMILY FINANCE

(See Family & Consumer Sciences for description)

REAL WORLD PARENTING

(See Education and Training for description)

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Information Technology

3D MODELING

(See Arts, A/V Technology & Communication for description)

ACCESS

(See Business Management & Administration for description)

ANIMATION 1A

(See Arts, A/V Technology & Communication for description)

ANIMATION 1B

(See Arts, A/V Technology & Communication for description)

CODING 1A - INTRO TO PROGRAMMING

Have you ever wanted to create your own web page or wondered how your favorite websites were built? Explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and

software, and learn how the internet functions. Discover how to create and build your own website using HTML and CSS and learn the basics of JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security.

CODING 1B - PROGRAMMING

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.

CYBERSECURITY 1A - FOUNDATIONS

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.

CYBERSECURITY 1B - DEFENSE AGAINST THREATS

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.

DIGITAL MEDIA FUNDAMENTALS 1A

(See Arts, A/V Technology & Communication for description)

DIGITAL MEDIA FUNDAMENTALS 1B

(See Arts, A/V Technology & Communication for description)

DIGITAL MEDIA WEB DESIGN 2A

Did you know that you are consuming digital media every time you open an app or use your computer or tablet? Digital media may be a webpage, video, image, podcast, form, or more. Explore how you can develop webpages that embed different media and interactivity for excellent user experience through programming languages such as HTML and CSS. Examine trends and opportunities, education

requirements, student organizations, and industry certification options. It's your turn to start designing websites and experiences for digital media consumers.

DIGITAL MEDIA WEB DESIGN 2B

Think of the best online stores you've visited. What do you think makes them unique? How do they keep buyers engaged and purchasing? Before you can design a great eCommerce store, it's essential to understand how one works. Learn the trends, design principles, and security strategies. Explore what it means to adhere to ethical and legal requirements and complying with industry standards and accessibility. It's time to start designing the next best eCommerce site!

EXCEL

(See Business Management & Administration for description)

FOUNDATIONS OF GAME DESIGN 1A

(See Arts, A/V Technology & Communication for description)

FOUNDATIONS OF GAME DESIGN 1B

(See Arts, A/V Technology & Communication for description)

GAME DESIGN 2A

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.

INTRO TO NETWORKING 1A - INTRODUCTION

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!

INTRO TO NETWORKING 1B

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.

INTRODUCTION TO PROGRAMMING 1A

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!

INTRODUCTION TO PROGRAMMING 1B

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.

NETWORK SECURITY FUNDAMENTALS 1A

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?

NETWORK SECURITY FUNDAMENTALS 1B

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!

OPERATIONAL CYBERSECURITY 1A

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!

OUTLOOK

(See Business Management & Administration for description)

POWERPOINT

(See Business Management & Administration for description)

PRINCIPLES OF INFORMATION TECHNOLOGY 1A

Ready to develop your understanding and proficiency in computers? Explore a range of concepts to gain the foundational knowledge you'll need to start exploring careers in this field to find out which ones suit your interests and abilities. Learn about computer hardware and maintenance to data management and storage options to network systems, administration, and troubleshooting. Then dive into word processing, spreadsheets, and databases to cement your knowledge of information technology!

PRINCIPLES OF INFORMATION TECHNOLOGY 1B

Take the IT knowledge you have to a more advanced level. Starting with an overview of programming, algorithms, and compilers, you'll then learn the basics of web page design and creating graphics. Explore security and cybercrime, emerging technologies, presentation software, and intellectual property laws. Finally, you will prepare for the future by discovering various careers in this field and planning your education!

PROGRAMMING 2A

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.

PROGRAMMING 2B

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!

ROBOTICS 1A

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

WEB DEVELOPMENT 1A

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.

WEB DEVELOPMENT 1B

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!

WEB DEVELOPMENT 2A

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!

WORD

(See Business Management & Administration for description)

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Law, Public Safety, Corrections & Security

CAREERS IN CRIMINAL JUSTICE 1A - INTRODUCTION

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.

CAREERS IN CRIMINAL JUSTICE 1B - FINDING YOUR SPECIALTY

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.

CRIMINOLOGY - INSIDE THE CRIMINAL MIND

Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.

FORENSIC SCIENCE - SECRETS OF THE DEAD

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.

FORENSIC SCIENCE II - MORE SECRETS OF THE DEAD

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.

FORENSICS - THE SCIENCE OF CRIME

Fingerprints. Blood spatter. DNA analysis. Law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Explore techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, you'll follow evidence trails until the CSI goes to trial in the criminal justice system, examining how various elements of the crime scene are analyzed and processed.

LAW & ORDER - INTRO TO LEGAL STUDIES

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.

NATIONAL SECURITY

(See Government & Public Administration for description)

PRINCIPLES OF PUBLIC SERVICE

(See Government & Public Administration for description)

INTRODUCTION TO SOCIOLOGY

(See Family & Consumer Sciences for description)

SOCIOLOGY - YOUR SOCIAL LIFE

(See Family & Consumer Sciences for description)

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Manufacturing

INTRODUCTION TO MANUFACTURING

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.

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Marketing, Sales and Services

ADVERTISING & SALES - PROMOTION

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.

MARKETING 2A

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.

MARKETING 2B

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.

MARKETING FOUNDATIONS 1A - INTRODUCTION

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

MARKETING FOUNDATIONS 1B

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!

PRINCIPLES OF BUSINESS, MARKETING, FINANCE 1A

(See Business Management & Administration for description)

PRINCIPLES OF BUSINESS, MARKETING, FINANCE 1B

(See Business Management & Administration for description)

PUBLIC SPEAKING 1A

(See Arts, A/V Technology & Communications for description)

PUBLIC SPEAKING 1B

(See Arts, A/V Technology & Communications for description)

SOCIAL MEDIA - OUR CONNECTED WORLD

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.

SPORTS & ENTERTAINMENT MARKETING

The world of sports and entertainment is never boring. This field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multi-billion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful.

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Science, Technology, Engineering & Math

APPLIED ENGINEERING 1A - INTRODUCTION

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

APPLIED ENGINEERING 1B

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

ASTRONOMY 1A - INTRODUCTION

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.

ASTRONOMY 1B - EXPLORING THE UNIVERSE

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!

BIOTECHNOLOGY 1A - INTRODUCTION

(See Agriculture, Food & Natural Resources for description)

BIOTECHNOLOGY 1B

(See Agriculture, Food & Natural Resources for description)

CODING 1A

(See Information Technology for description)

CODING 1B

(See Information Technology for description)

CONCEPTS OF ENGINEERING & TECHNOLOGY

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.

FORENSICS - THE SCIENCE OF CRIME

(See Law, Public Safety, Corrections & Security for description)

GREAT MINDS IN SCIENCE

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.

INTRODUCTION TO PROGRAMMING 1A

(See Information Technology for description)

INTRODUCTION TO PROGRAMMING 1B

(See Information Technology for description)

INTRODUCTION TO RENEWABLE TECHNOLOGIES

(See Agriculture, Food & Natural Resources for description)

MARINE SCIENCE - SECRETS OF THE BLUE

Have you ever wondered about the secrets of the deep and the creatures below the ocean's surface? It is truly a new frontier of discovery. Begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. You'll use scientific inquiry, research, and problem-solving to conduct various scientific procedures and become a more capable marine scientist.

PRINCIPLES OF INFORMATION TECHNOLOGY 1A

(See Information Technology for description)

PRINCIPLES OF INFORMATION TECHNOLOGY 1B

(See Information Technology for description)

WORKPLACE & INTERNSHIP READINESS

(See Agriculture, Food & Natural Resources for description)

Additional Courses

PERSONAL PSYCHOLOGY 1

Have you ever wondered why you do the things you do? Have you asked yourself if self-knowledge is the key to self-improvement? Are you interested in how behavior changes as we age? Psychology can give you the answers! In Personal Psychology I: The Road to Self-Discovery, you will trace the development of personality and behavior from infancy through adulthood. You will come to learn more about perception and consciousness and better understand the role of sensation. Are you ready to explore the world of human behavior? Come explore all that psychology can offer to help you to truly understand the human experience.

PERSONAL PSYCHOLOGY 2

Why do you sometimes remember song lyrics but can't remember where you left your phone, your keys, or even your shoes? How does language affect the way we think? Why is your personality so different from (or so similar) your brother's or sister's personality? Personal Psychology II: Living in a Complex World will you to explore what makes you 'you.' Why do some things motivate you more than others? How can you determine your IQ? If you've ever wanted to dive right into the depths of who you are and how you got to be you, jump on board and start your exploration now!

ANTHROPOLOGY 1

What makes us human? Is it our ability to use language? Is it our abstract thinking skills or our use of tools and technology? In Anthropology 1: Uncovering Human Mysteries you will trace the history of homo sapiens and explore our evolutionary trail. This course offers an anthropologic lens to observe our movement from cave dweller to modern human. It sheds light on how we forged our way and developed all of the things that make us human, such as our cultures, languages, and religions. We, as humans in the 21st century, are highly intelligent, innovative people with astounding technological ability – how did we get this way?

ANTHROPOLOGY 2

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.

INTRODUCTION TO PHILOSOPHY

Go on an exciting adventure covering over 2,500 years of history! Along the way, you'll run into some very strange characters, like the dirty barefoot man who hung out on street corners pestering everyone with questions, or that eccentric fellow who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the world's most brilliant and influential thinkers and originated the fundamental ideas of Western civilization. Introduction to Philosophy: The Big Picture asks some of the same questions these great thinkers pondered, so by the time you've "closed the book" on this course, you will better understand yourself and the world around you – from atoms to outer space and everything in between.

GOTHIC LITERATURE

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.

ARCHAEOLOGY

Imagine what it must feel like to uncover an artifact from the past! Archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. Explore the techniques, methods, and theories Archaeologists use to conduct their studies to locate and unlock the secrets of a long and colorful past. Let's get exploring!

MUSIC APPRECIATION

Have you ever heard a music piece that made you want to get up and dance, sing, or even cry? Regardless of the genre, music moves us. Explore the elements and pieces of music. And learn through the historical context, musicians and composers, and influence of music from the Middle Ages to the 21st century, on how to listen and really hear the different music that makes up our world.

WORLD RELIGIONS

Throughout the ages, religions worldwide have shaped the political, social, and cultural aspects of societies. Explore the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Trace the major developments in these religions and examine their relationships with social institutions and culture, as well as the similarities and differences and connections and influences they have.

MYTHOLOGY AND FOLKLORE

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.

HISTORY OF THE HOLOCAUST

“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.

PEER COUNSELING 1

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.

THE LORD OF THE RINGS

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.

INTRODUCTION TO WOMEN'S STUDIES

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

CREATIVE WRITING

Literature is an important form of art that allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of reality. Explore the writing process and find inspiration to build a story of your own and learn literary techniques to create hybrid forms of poetry and prose. Let's turn your creative thoughts and ideas into pieces of creative writing.

AFRICAN AMERICAN HISTORY

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.

AMERICAN SIGN LANGUAGE 1A

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.

AMERICAN SIGN LANGUAGE 1B

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.

LIFE SKILLS - NAVIGATING ADULTHOOD

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but they don't have to be with the right tools. Learn more about yourself and prepare for the future through goal setting, decision making, surviving college and career, and how to become a valuable contributing member of society. It's your life; make it count!

AMERICAN SIGN LANGUAGE 2A

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.

AMERICAN SIGN LANGUAGE 2B

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.

AMERICAN SIGN LANGUAGE 3A

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.

AMERICAN SIGN LANGUAGE 3B

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.

CREATIVE WRITING: UNLEASHING THE CORE OF YOUR IMAGINATION

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

HEALTH & PHYSICAL EDUCATION 1A

Your health is more than skin deep- or should we say muscle deep? There are many factors that influence your fitness from biological predispositions to the foods you eat, the sleep you get, your psychology, and more! This course will go beyond the superficial of fitness and dig into the science behind it. You will explore the basics of how to assess your baseline fitness, design and implement a fitness plan, fuel your body to achieve your fitness goals, and stay safe while improving your health. Physical fitness is a journey, not a destination: start your expedition now!

PERSONAL FITNESS

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.