2022-23 COURSE CATALOG

Springs Studio for Academic Excellence and Pikes Peak Early College have blended campuses, known as “The Campus”. Both schools remain independent of one another and maintain their own enrollment, teachers, and students. Combining the campuses, however, creates great new opportunities for students at both schools as the two schools will share resources widening all students' educational opportunities.

ENGLISH/LANGUAGE ARTS

Creative Writing (*Spring & Fall*) **Credit .5**

For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to better understand ourselves and our world. This course can provide you with a solid grounding in the writing process, from finding inspiration to building a basic story. Then, when you are ready to go beyond the basics, learn more complicated literary techniques to create strange hybrid forms of poetry and prose. By the end of this course, you can better discover your creative thoughts and turn those ideas into fully realized pieces of creative writing. **NOT NCAA approved**; **Schoology course; Fully Virtual**

English I *(Year-long)* **Credit: 1**

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. Students will read a range of classic texts including Homer’s The Odyssey, Shakespeare’s Romeo and Juliet, and Richard Connell’s “The Most Dangerous Game.” They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course. **NCAA Approved; Edgenuity course; Blended class meets MW**

Honors English 1 ***(Year-long)*** **Credit: 1**

This freshman honors English course invites students to explore a variety of diverse and complex texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, research and critically analyze sources of information, and produce clear, coherent writing. In addition to activities offered to students in core courses, honors students are given additional opportunities to create and to participate in project-based learning activities, including writing a Shakespearean sonnet and creating an original interpretation of a Shakespearean play. Honors students will read a range of classic texts, including Homer's The Odyssey, Shakespeare's Romeo and Juliet, Jack London's "To Build a Fire" and Richard Connell's "The Most Dangerous Game." Students will also read Sue Macy's full length nonfiction work Wheels of Change: How Women Rode the Bicycle to Freedom (With a Few Flat Tires Along the Way), and will study a variety of short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course. **NCAA Approved; Edgenuity course; Blended class meets MWF**

English II ***(Year-long)*** **Credit: 1**

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. **NCAA Approved; Edgenuity course; Blended class meets MW**

Honors English II ***(Year-long)*** **Credit: 1**

Focused on application, this sophomore honors English course invites students to explore a variety of diverse and complex world literature texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of classic and contemporary works of fiction, poetry, drama, and literary nonfiction. English 10 honors students will master comprehension, use evidence to conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, develop 21st century learning skills, and produce clear, coherent writing. Honors students will read a range of classic texts, including Jonathan Swift's Gulliver's Travels, Sophocles Antigone, and William Shakespeare's Julius Caesar. In addition to longer, full length works, students will also study a variety of short but complex texts, including Ishmael Beah's memoir A Long Way Gone: Memoirs of a Boy Soldier, Chinua Achebe's "Marriage Is a Private Affair", and a variety of other readings by great authors, including Amy Tan, Elie Wiesel, and Virginia Woolf. Throughout the course are countless opportunities for students to strengthen their writing. **NCAA Approved; Edgenuity course; Blended class meets MWF**

English III: ***(Year-long)*** **Credit: 1**

This course prepares students to be successful in college-level English courses. Reading requirements are more demanding and require insightful analysis. Instruction provides the student with practical techniques for success in reading and writing on a college level, and will include SAT and Accuplacer test preparation lessons. Students will discover practices to take a critical approach to reading and writing as they synthesize a variety of texts. Independent thinking will be fostered through insightful analysis,

interactions with literature, and reading and writing. This class prepares students for life after high school-college or the workforce. **NCAA Approved; Edgenuity course; Blended class meets MW**

Gothic LIterature ***(Fall)*** **Credit .5**

From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction. **NCAA Approved; Edgenuity course; Fully Virtual**

Mythology ***(Spring)*** **Credit .5**

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They explore the universality and social significance of myths and folklore, and see how these are still used to shape society today. **NCAA Approved; Edgenuity course; Fully Virtual**

Yearbook and Communication (*Year-Long*) **Credit: 1**

In this course, students will gain skills revolving around publishing, managing social media accounts, public speaking, and writing for a variety of purposes and audiences. Students will also collaborate on a team of peers to create an innovative yearbook while learning about page design, advanced publishing techniques, copywriting, editing, and photography. **NOT NCAA approved; Schoology; Blended class meets F**

Speech (*Fall & Spring*) **Credit .5**

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use. **Edgenuity; Fully Virtual**

MATH COURSES

Algebra I *(Full-year)* **Credit: 1**

This full-year 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. Quantitative reasoning is a common thread throughout the course as students use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically. **NCAA Approved; Edgenuity or ALEKS; Blended class meets MW**

Geometry *(Full-year)* **Credit: 1**

This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruence, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various 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. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis. **NCAA Approved; Edgenuity course or ALEKS; Blended class meets MW.** *Prerequisite: Algebra 1*

Algebra II *(Full-year)* **Credit: 1**

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students make connections between verbal, numerical, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically. **NCAA Approved; Edgenuity or ALEKS; Blended class meets MW**

Pre-Calculus *(Full-year)* **Credit: 1**

With an emphasis on function families and their representations, Precalculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics. **NCAA Approved; Edgenuity or ALEKS; Blended class meets MW.** ***Prerequisites: Algebra II***

Statistics *(Full-year)* **Credit 1**

This full-year high school course provides an alternative math credit for students who may not wish to pursue more advanced mathematics courses such as Trigonometry and Pre-Calculus. The first half of the course begins with an in-depth study of probability and an exploration of sampling and comparing populations and closes with units on data distributions and data analysis. In the second half of the course, students create and analyze scatter plots and study two-way tables and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations and permutations, and sets. **NCAA Approved; Edgenuity course; Fully Virtual.** *Prerequisite: Algebra II*

Career Math Prep *(Fall & Spring)* **Credit .5**

Provides practical mathematics skills needed in a wide variety of trade, technical and other occupational areas, including plumbing, automotive, electrical and construction trades, machine technology, landscaping, HVAC, allied health, and many more. It is especially intended for students who find math challenging. This course assists students by providing a direct, practical approach that emphasizes careful, complete explanations and actual on-the-job applications. It is intended to provide practical help with real math, beginning at each students' individual level of ability. This is a capstone course for seniors needing to meet mastery for graduation. **NOT NCAA Approved**; **ALEKS course; Blended class meets MW.**

Personal Finance *(Fall & Spring)* **Credit .5**

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 one-semester 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 more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals. **NOT NCAA Approved; Edgenuity course; Fully Virtual**

Algebra III *(Fall & Spring)* **Credit: .5**

This course develops algebraic skills necessary for manipulating expressions and solving equations getting students ready for College Algebra. Topics in the course include statistical measurements, radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies. **NOT NCAA Approved**; **ALEKS; Blended 1 day.** *Prerequisites: Algebra II.*

Business Math (Spring) **Credit: .5**

Prerequisites: Algebra I or equivalent This is a math course designed to help you understand how to use money in everyday life. The first semester of the course deals with these topics: jobs, wages, paychecks, taxes, insurance, spending money on recreation, food, and clothing, and transportation. As you go through college and life in general, you will need to use mathematics for banking, spending, borrowing, and living. The focus of the course is to help you understand the different forms that it will take in your life. **NOT NCAA Approved; Edgenuity course; Fully Virtual.**

SCIENCE COURSES

Biology (*Year-long*) **Credit: 1**
This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options. **NCAA Approved; Edgenuity course; Blended class meets MW.**

Honors Biology (*Year-long*) **Credit: 1**
This compelling full-year course engages students in a rigorous honors-level curriculum that emphasizes the study of life and its real-world applications. This course examines biological concepts in more depth than general biology and provides a solid foundation for collegiate-level coursework. Course components include biochemistry, cellular structures and functions, genetics and heredity, bioengineering, evolution, structures and functions of the human body, and ecology. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scienti c research and technical writing. **NCAA Approved; Edgenuity course; Blended class meets MWF.**

Chemistry (*Year-long*) **Credit: 1**
This rigorous full-year course provides students with an engaging honors-level curriculum that emphasizes mathematical problem solving and practical applications of chemistry. Topics are examined in greater detail than general chemistry in order to prepare students for college-level coursework. Course components include atomic theory and structure, chemical bonding, states and changes of matter, chemical and redox reactions, stoichiometry, the gas laws, solutions, acids and bases, and nuclear and organic chemistry. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing. **NCAA Approved; Edgenuity course; Blended class meets MW.** *Prerequisite: Algebra 1*

Honors STEM Chemistry (Year-long) **Credit: 1**
This rigorous full-year course provides students with an engaging honors-level curriculum that emphasizes mathematical problem solving and practical applications of chemistry. Topics are examined in greater detail than general chemistry in order to prepare students for college-level coursework. Course components include atomic theory and structure, chemical bonding, states and changes of matter, chemical and redox reactions, stoichiometry, the gas laws, solutions, acids and bases, and nuclear and organic chemistry. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing. **NCAA Approved; Edgenuity course; Blended class meets MWF.**

Earth Science *(Year-long)* **Credit: 1**
Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system. **NCAA Approved; Edgenuity course; Full Virtual.**

Forensic Science *(Year-long)* **Credit: 1**

Fingerprints. Blood spatter. DNA analysis. The world of 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. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed. **NCAA Approved; Edgenuity course; Blended class meets MW.** *Prerequisite: Must pertain to Pathway*

Physical Science (*Year-long*) **Credit 1**

This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses. Hands-on wet lab options are also available. **NCAA Approved; Edgenuity course; Blended class meets MW.**

Physics (*Year-long*) **Credit: 1**

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, 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. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses. **NCAA Approved; CDLS ; Fully Virtual** *Prerequisite: Algebra 2 or currently enrolled in Algebra 2*

Veterinary Science *(Fall)* **Credit: .5**

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. In this course, students take a look at the animals that live in our homes, on our farms, and in zoos and wildlife sanctuaries, and examine some of the common diseases and treatments for domestic animals. They also learn about toxins, parasites, and infectious diseases that affect not only the animals around us, but at times, humans as well! The course provides an overview of veterinary medicine and science, and how the prevention and treatment of diseases and other health issues are studied and applied. **NOT NCAA Approved; Edgenuity course; Fully virtual class.** *Prerequisite: Must pertain to Pathway*

SOCIAL STUDIES COURSES

Civics *(Fall & Spring)* **Credit: .5**
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 one-semester course analyze the political process, political parties, and in uences 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. **NCAA Approved; Edgenuity course; Fully Virtual.**

Economics (*Spring*) **Credit: .5**
Available as either a semester or a full year, 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, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats. **NCAA Approved; Edgenuity course; Fully virtual class.**

Geography *(Fall)* **Credit: .5**
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. This high school course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments. **NCAA Approved; Edgenuity course; Fully virtual class.**

Psychology (*Fall & Spring)*
Credit: 1
This course introduces high school 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. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions. **NCAA Approved; Edgenuity course; Blended 2 days.**

Social Problems *(Fall & Spring)* **Credit: .5**
Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the

individual will be examined. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally. **NOT NCAA Approved; Edgenuity course; Fully virtual class.**

U.S. History *(Full-year)* **Credit: 1**

This one-year high school 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. In early units, students will assess the foundations of U.S. democracy while examining crucial documents. In later units, students will examine the effects of territorial expansion, the Civil War, and the rise of industrialization. They will also assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus their studies on the causes of cultural and political change in the modern age. Throughout the course, students will learn the importance of cultural diversity while examining history from different perspectives. Examples of events that will be explored include the Holocaust and Genocide. **NCAA Approved; Edgenuity course; Blended class meets MW**

World History *(Full-year*) **Credit: 1**

This year-long 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. At the end of the course, students conduct a rigorous study of modern history, allowing them to draw connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Examples of events that will be explored include the Holocaust and Genocide.Throughout the course, students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events. **NCAA Approved; Edgenuity course; Blended class meets MW**

FINE ARTS

Animation (*Fall*) **Credit: .5**

Do you wonder what it would be like to create the next blockbuster animated movie or do you want to make the next big video game? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! You will learn how to use animation tools to conceptualize and bring your creations to life. You'll learn the ins and outs of creating 2D and 3D animation, from start to finish. You'll even begin working on our own design portfolio and get hands-on experience with creating your own animation projects. Learning about Animation could lead to a thriving career in the growing world of technology and animation. **Edgenuity Course; fully virtual**

Digital Photography *(Fall & Spring)* **Credit: .5**

In this one semester course, students learn the basics of photographic composition and lighting, develop an understanding of using a digital camera and the basics of preparing a digital darkroom. Students also learn basic color theory and the fundamentals of image processing. Software skills are taught through practical, hands-on activities that get students involved in the learning process and help them retain the content. By the conclusion of this course, students are capable of producing their own unique and highly personalized images. This course is designed for the student who has no background in photography. Students have the option to take this course virtually or come into the building one day a week. **Schoology Course; Fully virtual.**

Music Appreciation *(Fall & Spring)* **Credit: .5**

Have you ever heard a piece of music that made you want to get up and dance? Cry your heart out? Sing at the top of your lungs? Whether pop, classical, or anything in between, music provides a powerful way for people to celebrate their humanity and connect with something larger than themselves. Music Appreciation: The Enjoyment of Listening not only will provide a historical perspective on music from the Middle Ages to the 21st century, but it will also teach you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that's all around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form. **Edgenuity Course; Fully virtual class**

THEATER, CINEMA, AND FILM PRODUCTION (*Spring*) **Credit: .5**

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! **Edgenuity Course, Fully virtual**

WORLD LANGUAGE (Practical Arts)

Spanish I *(Full-year)* **Credit: 1**
Students begin 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 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 Spanish-speaking areas in Europe and the Americas. **NCAA Approved; Edgenuity course; Blended class meets MW**

Spanish II *(Full-year)* **Credit: 1**
This second-year class continues to build upon the 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 Spanish-speaking areas in Europe and the Americas. **NCAA Approved; Edgenuity course; Blended class meets MW**

Spanish III *(Full-year)* **Credit: 1**
In this third-year Spanish class, high school students continue to build upon the 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, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments. **NCAA Approved; Edgenuity course; Fully virtual class.**

Spanish IV (*Full-year*) **Credit: 1**
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 rst 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. **NCAA Approved; Edgenuity course; Fully Virtual**

ELECTIVES

General Electives

Career Planning *(Fall & Spring*) **Credit .5**
Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio. **Edgenuity; Full Virtual**

Computer Science: Coding I *(Fall & Spring)* **Credit: .5**
This course begins the progression of the Coding in Python sequence, introducing the early fundamentals of coding. It blends detailed technical knowledge with engaging coursework, allowing students free-range creativity without sacrificing academic rigor. The course emphasizes logical thinking and problem-solving, critical thinking, and real-world coding application. Students taking this course will receive the basic tools and building-blocks to code not only the assigned programs, but also to design and develop their own unique games and interactive experiences. **Tech Smart Course; Blended class meets MW**

Health *(Fall & Spring)* **Credit: .5**
Available as either a semester or year-long course, this high-school health offering examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. This course takes covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics. **Edgenuity Course; Fully virtual class.**

Internship (*Fall & Spring)* **Credit: .5 to 1**
This experience provides an opportunity for students to apply skills obtained in high school to real work situations, and to learn essential skills for post-secondary success. By participating in work-based learning experiences, students will receive training, resume enhancement, and course credit. Internships are facilitated through PPBEA, a D49 partner, and must be in an approved business, government agency, or non-profit organization. Students may earn .5 credit for completion of 60-hours or a full credit for completion of 120-hours at internship site. This may be repeated for additional credit. **Schoology; Fully virtual class w/online logs.** *Special permission required.*

Peer Tutoring *(Fall & Spring)* **Credit: .5**
Become a peer tutor and help other students develop their reading and writing skills! You will learn best strategies for effective tutoring, gain experience in teaching and guiding others, and strengthen your own skills in the process. Students will work one-on-one or in small groups with their peers or provide classroom assistance to teachers in various content areas. They will also participate in ongoing workshops throughout the semester in order to continue developing their tutoring abilities.
This course will be for a Pass/Fail Grade; Blended MW

Personal Finance *(Fall & Spring)* **Credit .5**

This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more aboutPersonal Finance economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester 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 more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals. **NOT NCAA Approved; Edgenuity course; Fully Virtual**

Physical Education (*Fall & Spring)* **Credit: .5**

Students assess their current level of fitness. Students will be required to either participate in an outside activity or keep an activity log during the semester as well as complete a final project. **Schoology; Fully virtual class w/online logs**

Pathways Design *(Full-Year)* **Credit: 1.0**

Through this personalized career and academic planning course, students are empowered to learn about themselves and evaluate their path to career and college including setting and marking progress towards goals, exploration of career options, working toward essential skills mastery, and learning about financial literacy. Students will create a personalized roadmap, so they are able to explore possibilities and achieve milestones towards their career and college aspirations. **Schoology course; Blended class meets MW;** *Suggested for all SSAE & PPEC 9th grade students and all new 10th & 11th grade SSAE students.*

Student Council (*Fall & Spring)* **Credit: .5**

The Campus Student Council is an organization committed to representing the student body. We create fun opportunities for all students. We are the leaders of the school and servants of the students. We are the role models that make things happen. The Student Council exists to create a better world for our school, students, and community. It is a leadership development engine that gives students opportunities to learn how to be leaders. We accomplish this by running school events, fundraisers, movie nights, dances, carnivals and more. Apply: bit.ly/stuco-apply **Blended class that meets on Fridays; will be Pass/Fail grade; Students will need to apply.**

Work Study *(Fall & Spring)* **Credit: .5 to 1**

Students who are currently employed may sign up for work study. Students must be able to provide documentation of work hours via pay check stubs. Students may earn .5 credit for completion of 75-hours or a full credit for completion of 150-hours at their job site. This may be repeated for additional credit. **Edgenuity course; Fully virtual class w/online logs.** *Special permission required.*

Business Pathway Electives

Advertising and Sales Promotion (*Fall)* **Credit: .5**
What comes to mind when you think of marketing? Does a favorite commercial jingle begin to play in your head? Or do you recall the irritating phone call from a company trying to sell you software you already have? No matter what your feelings are about it, there's no denying the sheer magnitude of the marketing industry. Every year companies spend $200 billion promoting their products and services—and that's in the United States alone! Experts estimate that by the time you turn 65, you will have seen nearly 2 million TV commercials, not to mention radio ads, billboards, and online advertisements. You're familiar with what it's like on the receiving end of a company's marketing efforts, but what's it like on the other side? In this Advertising and Sales Promotions course, you'll learn how marketing campaigns, ads, and commercials are conceived and brought to life. You'll meet some of the creative men and women who produce those memorable ads and commercials. And you'll discover career opportunities in the field to help you decide if a job in this exciting, fast-paced industry is in your future! **Edgenuity Course; fully virtual**

Introduction to Business *(Full-year)* **Credit 1**
In this two-semester 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. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; 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. **Edgenuity Course; Fully virtual class;** *Prerequisite: Must pertain to Pathway*

Sports & Entertainment Marketing (*Spring*) **Credit .5**
Have you ever wished to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer? If you answered yes to either question, then believe it or not, you've been fantasizing about entering the exciting world of sports and entertainment marketing. Although this particular form of marketing bears some resemblance to traditional marketing, there are many differences as well—including a lot more glitz and glamour! In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well known entertainers are marketed as commodities and how some of them become billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career. **Edgenuity Course; fully virtual**

Health Pathway Electives

Career Exploration in Healthcare (*Fall*) **Credit: .5**
This course introduces students to the exciting and varied career opportunities in the healthcare industry that will be in demand in their future! The course will introduce the roles and tasks, identify education and skills needed, identify responsibilities of roles which support or supervise their role, analyze legal and ethical responsibilities, limitations, and implications for each of these professions. Get ready. Get set. Learn about the Future of HealthCare Careers! **Edgenuity; Fully Virtual**

Health Science Concepts (*Full-year)* **Credit: 1**
This year-long course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they

progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. 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. **Edgenuity Course; Fully virtual class.** *Prerequisite: Must pertain to Pathway*

Medical Terminology *(Spring)* **Credit: .5**
This semester-long 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 healthcare field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments. **Edgenuity Course; Fully virtual class.** *Prerequisite: Must pertain to Pathway*

Criminal Justice/Public Safety Pathway Electives

Careers in Criminal Justice *(Fall)* **Credit: .5**
The criminal justice system may be a good career option for students who want to help prevent crime and maintain order in society. This course provides an overview of the wide range of career opportunities in the criminal justice system, from law enforcement to forensic scientists to lawyers and judges. Students will learn about the trial process, the juvenile justice system, and the correctional system. Students will explore careers in each area, including job expectations and training requirements. **Edgenuity Course; Fully Virtual class;** *Prerequisite: Must pertain to Pathway*

Criminology *(Spring)* **Credit: .5**
Understanding the criminal mind is not easy. Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. In Criminology: Inside the Criminal Mind, you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life—psychological, biological, sociological—all of which have differing perspectives and influences. You will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process. **Edgenuity Course; Fully Virtual;** *Prerequisite: Must pertain to Pathway*

Military Careers (*Fall)* **Credit: .5**
You've probably seen an old movie about a hotshot naval aviator, or perhaps a more recent film about the daring actions of Special Forces operatives. But do you really know what careers the military can offer you? Introduction to Military Careers will provide the answers. The military is far more diverse and offers many more career opportunities and tracks than most people imagine. In Introduction to Military Careers, you'll learn not only about the four branches of the military (and the Coast Guard) but also about the types of jobs you might pursue in each branch. From aviation to medicine, law enforcement to dentistry, the military can be an outstanding place to pursue your dreams. **Edgenuity Course; fully virtual**

Hospitality, Human Services, & Education Pathway

Early Childhood Education (*Fall*) **Credit: .5**
Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children. **Edgenuity Course; fully virtual**

Hospitality & Tourism: Hotel & Restaurant Management (*Spring)* **Credit: .5**
In this course, students will learn about what makes the hotel and restaurant industries unique. They will learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Students will evaluate the environment for these businesses by examining their customers and their competition. As well, they will discover trends and technological advances that make each industry exciting and innovative. Students will explore a variety of interesting job options from Front Desk and Concierge services to Front-of-House and Food Service. **Edgenuity Course; fully virtual**

Engineering Pathway Electives

Introduction to Engineering Design *(Full-year)* **Credit: 1**
Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. **Schoology Course; Blended class meets MW, Optional lab on F;** *Prerequisite: Must pertain to Pathway*

Engineering Design & Development *(Full-year)* **Credit: 1**
Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. **Schoology Course; Blended class meets MW;** *Prerequisite: Must pertain to Pathway*

Principles of Engineering (*Full-year)* **Credit: 1**
Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. **Schoology Course; Blended class meets MWF;** *Prerequisite: Must pertain to Pathway*

Design Pathway Electives

Drones: Remote Pilot (*Fall or Spring)* **Credit: .5**
This course prepares students to take the Federal Aviation Administration's Part A exam, which is a key step to becoming a commercial drone pilot. The field of unmanned aerial vehicles is growing rapidly, as the opportunities to use them for search and rescue, photography, recreation, inspection, and many others continue to multiply. Students will learn the critical facts to prepare for the test's topics, which

include regulations, airspace & requirements, weather, loading & performance, and operations. The course will conclude with a look at the most promising careers in the field of drones. **Blended MWF; -Pointful/Schoology**

Robotics (*Full-Year*) **Credit: 1.0**
In this year long course students will work in teams to build and program robots for local and regional competitions. Students will learn to program using the C based ROBOTC platform and building in VEX Robotics. **Blended; Class meets MWF with an occasional Saturday competition, Schoology**

Virtual Reality *(Fall or Spring)* **Credit .5**
Separating hype from reality is hard… especially in the fast-growing and evolving space of augmented and virtual reality (AR/VR). Recent advances in technology have allowed AR/VR systems to become extremely sophisticated and realistic. This course introduces students to the technologies that underpin AR/VR systems. Then the course walks through 7 applications of AR/VR and how they will change and impact numerous aspects of our lives and the economy. Students will also learn about and discuss the risks and side effects of these systems, including health, privacy, and ethical implications. **Blended; class meets MW; Pointful/Schoology**

Computer Science Pathway Electives

Computer Science: Coding I *(Fall)* **Credit: .5**
This course begins the progression of the Coding in Python sequence, introducing the early fundamentals of coding. It blends detailed technical knowledge with engaging coursework, allowing students free-range creativity without sacrificing academic rigor. The course emphasizes logical thinking and problem-solving, critical thinking, and real-world coding application. Students taking this course will receive the basic tools and building-blocks to code not only the assigned programs, but also to design and develop their own unique games and interactive experiences. **Tech Smart Course; Blended class meets MW**

Computer Science: Coding II *(Spring)* **Credit: .5**
This course builds on basic knowledge of Python from Coding I. Learn to use images in your program to create sprites and sprite-based animations for use in graphical programs. Explore more in-depth coding concepts, such as functions and the dictionary data structure. Teachers completing this course will be able to create graphical, sprite-based games using custom images, and can write dense, well-organized code. **Tech Smart Course; Blended class meets MW;** *Prerequisite: Coding 1*

Computer Science: Coding III *(Fall)* **Credit: .5**
This course expands students' ability to create complex interactive programs and games. Students will learn about the dictionary data type, as well as exploring new asset types such as fonts, sounds, and file types that allow students to store and retrieve information outside their program. Students completing this course will be able to create polished games and large-scale programs that use a wide variety of complex assets. **Tech Smart Course; Blended class meets MW;** *Prerequisite: Coding 2*

Computer Science: Coding IV *(Spring)* **Credit: .5**
In this course, students will learn about object-oriented design and organizing code into classes. Additionally, students will learn about processing I/O from large text files, including parsing, regular expressions, and error processing. The course finishes with a capstone project demonstrating what students have learned cumulatively in CS101 - CS104. Students completing this course will be able to organize code and data in a way consistent with professional coding practices in the real world, and will have created a large-scale custom project demonstrating these abilities. **Tech Smart Course; Blended class meets MW;** *Prerequisite: Coding 3*

Cyber Security 1 ***(Fall)*** **Credit: .5**

Wonder what it's like to be a hacker? Or think about who is trying to steal your passwords while you're shopping online using the free Wi-Fi at your local coffee shop? Can someone be watching your personal, private information? Can anything be kept "secret" online? We depend more and more on the technologies we interact with every day. This creates the need for increased system and network security measures. And, it means we all need to know more about how to protect valuable and vulnerable information. This course gives you the tools and technologies needed to protect online information and addresses how these issues are impacting safety and rights on a global and personal level. Learn what exciting career possibilities await you in the new and high-demand field of cybersecurity. **Edgenuity Course; Fully Virtual.** *Prerequisite: Must pertain to Pathway*

Web Development I (*Spring)* **Credit: .5**

This course provides a comprehensive introduction to coding in HTML and CSS. Upon completion, students will be proficient with fundamental web development principles such as declarative programming languages, computer networks, and abstraction layers. Students will also gain familiarity with advanced web design concepts including color theory, typography, page layout, user interaction, and animation.
Tech Smart Course; Fully Virtual

Agriscience & Natural Resources Pathway

Agriscience (*Fall*) **Credit: .5**

In this course, students will learn more about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade. **Edgenuity Course; fully virtual**

Forestry & Natural Resources (*Spring)* **Credit: .5**

Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry and Natural Resources course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry related careers and important issues facing forestry professionals today. **Edgenuity Course; fully virtual**