

# Fall 2023 Elective Courses

## Math Electives

**Math Concepts** - This is a great course to better prepare high students for a productive math experience and to better understand topics in Algebra and Geometry.

**Consumer Mathematics (AZ L-Synchronous)** - In Consumer Mathematics, students learn mathematical concepts that they will use in their daily lives. They focus on real world topics that require addition, subtraction, multiplication, and division of whole numbers, as well as fractions, decimals, ratios, proportions, and percentages. Students also explore the ways in which real-life activities such as traveling, purchasing a new car or house, or even installing new carpeting relates to mathematics. Consumer Mathematics relates everyday mathematics concepts to concrete definitions, processes, and many real-life situations.

**Personal Finance (AZ B-Asynchronous)** - The Personal Finance course introduces students to strategies and practices that empower them to manage their money wisely. Students first perform a self-analysis to discover their money personality. A study of good consumer habits includes a comparison of renting and buying. Students learn the steps to building wealth, including building an emergency fund, evaluating and embracing risk when investing, and using credit sparingly and wisely. A survey of consumer rights accompanies the steps recommended to protect one's personal information. Students survey types of insurance and evaluate the role of each in limiting personal financial risk. The course concludes with an entire Unit dedicated to evaluating higher education opportunities, costs, and funding.

## Character Education

**Career Explorations (AZ L-Synchronous)** - Career Explorations allows students to investigate the necessary steps to prepare for careers that match their interests, abilities, and aptitudes. Students research various careers, their roles in society, job duties, required education and qualifications, and salary and outlook. They acquire job-seeking skills such as resume writing, interviewing, and portfolio development skills. Students discover workplace dynamics, how to navigate challenging situations, and explore various techniques for advancing in their chosen career field. This course prepares students to manage the financial challenges they will face as they prepare for a career and future employment. Students apply newly acquired knowledge and skills in a real-world experience to further solidify future career plans.

**Career Exploration in Dentistry (P-CTE & Electives)** - This course introduces students to the exciting and varied career opportunities in the dentistry profession, from dental assistants all the way up through oral surgeons. Students will review the history of dentistry globally and in the U.S., and will learn key dental terminology. The course will introduce the roles and tasks done as well as the skills and education required of nearly every member of the dental staff. Students will gain an understanding of what it takes to perform each position, and how they work together.

**Career Exploration in Finance (P-CTE & Electives)** - This course introduces students to the challenging and lucrative world of finance. While “Wall Street” may still get a bad rap after the 2008 financial crisis, finance careers still remain highly sought after and can be highly rewarding. The course reviews key financial terms and examines various groups, positions, and roles within financial institutions. Students will learn about resumes, interviews, and networking. Students will also discuss ethics on Wall Street and the role of finance within society.

**Career Exploration in Healthcare (P-CTE & Electives)** - This course introduces students to the exciting and varied career opportunities in the health care 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 Health Care Careers!

**Career Preparation (AZ B-Asynchronous)** - In Career Prep, students are given tools to be successful in future careers. The career clusters and their associated career paths are the focus of the course. Students will learn how to survey the job market, fill out paperwork, and thrive in the workplace. Students will create an electronic portfolio throughout the course. The portfolio includes letters of interest to employers, resumés and cover letters, interview preparation documents, a career plan, as well as other reports. The course is designed for students who are currently working and can leverage real-life experience into their course projects.

**Health (AZ L-Synchronous)** - In Health, students discover how to make conscientious decisions when attempting to improve their overall health and wellness. From healthy lifestyles, diets, and exercise to responsibilities within individual families and larger communities, topics within the health discipline are pertinent and applicable to all students. Throughout the course, students review concepts that promote safe, healthy, and active lifestyles.

**Life Management (F-Blended)** - The course concentrates on the principles of being healthy and focuses on physical development, mental and emotional stress, relationships, substance awareness, social disease awareness, and personal safety. Students develop critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living.

### **Science Electives**

**Aeronautics and Space Travel (P-CTE & Electives)** - This course introduces students to the history and near future of space travel. Students will explore the possibilities of moon bases, Mars colonies, and visiting the outer planets in our solar system and their moons. Students will also discuss important ethical and legal issues around space exploration, such as asteroid mining and war in space. The course gives an expansive view of the technologies, science, and theories that will make farfetched dreams into realities during the student's lifetime.

**Anatomy and Physiology (AZ L-Synchronous)** - The Anatomy and Physiology course allows students to discover the fascinating dynamics of the human body. Students begin by exploring the history of anatomy, essential anatomical terminology, and the hierarchical organization of the human body. Next, students are introduced to basic biochemistry and cellular processes, which includes a virtual tour of the cell. Students also investigate the structure, function, hierarchy, and diseases associated with each organ system. Completion of one full year of high school Biology is required in order to understand the numerous biological concepts presented in this course.

**Anthropology (AZ F-Blended)**- This course examines family and kinship, religion, economics, politics, survival of indigenous groups, and Western influences from an anthropological perspective to gain appreciation for cultural and ethnic diversity. Students gain an understanding of the differences and similarities, both biological and cultural, in human populations and recognize the characteristics that define their own culture while gaining an appreciation for the culture of others.

**Astronomy (AZ B-Synchronous)**- Beginning with a look at astronomy's history, students will recognize the contributions of Ptolemy, Copernicus, Galileo, and Newton to our understanding of the universe. The second unit investigates telescopes and detectors such as radio receivers. An examination of the characteristics and processes of the Sun will be followed by a look at the terrestrial planets: Mercury, Venus, and Mars. After studying the Earth-Moon system, students will explore facts about the minor planets, Jupiter, Saturn, and the outer planets. Moving beyond the solar system, students will learn the characteristics of stars, galaxies, and deep space objects.

Students will better appreciate the night sky after learning the constellations and will ponder the origin and fate of the universe with an inquiry into impermanence, special and general relativity, and cosmology.

**Criminology (E-Career & Electives)** - 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.

**Environmental Science (AZ L-Synchronous)** - Environmental Science introduces students to the scientific method, terrestrial and aquatic ecosystems, biomes of the world, tropic interactions, and nutrient and chemical cycles. Students analyze the human impact on the environment and ways to reduce negative consequences. Students investigate environmental issues first hand and use their discoveries to make environmental decisions for themselves.

**Forensic Science (AZ L-Synchronous)** - Students enrolled in Forensic Science will develop a better understanding of the reality of forensic science, which is often contradicted by the fictional forensic science portrayed in entertainment. Students begin by exploring the history and background of forensic science. They discover several forensic science disciplines, such as pathology, anthropology, toxicology, serology, entomology, and odontology. Students learn and use proper lab practices, which ensure the integrity of any collected organic and inorganic evidence. Students investigate chromatography, spectroscopy, and microscopy techniques. They also explore and survey the impact of DNA analysis and questioned document analysis on forensic science. This course teaches the proper handling of impression evidence, such as shoe print, foot, tire, lip print, firearm, and fingerprint impressions while students examine the analysis of trace evidence, including hair and glass. The course concludes with an exploration into the ways in which forensic science is interconnected with the legal system, as well as what the future holds for forensic science. It includes numerous hands-on labs, including measuring a hypothetical time of death, extracting their own DNA, and analyzing their own fingerprint impressions. Forensic Science is ideal for high school students who are interested in forensic science, biology, law, and/or criminalistics. Students must possess basic spreadsheet, word processing, and presentation software knowledge as a prerequisite. Completion of one full year of high school Biology is required in order to evaluate the numerous biological concepts present in this course. In addition, students must be mature, independent learners and comfortable learning new technology.

**Medical Microbiology (AZ B-Asynchronous)** - Medical Microbiology explores the world of tiny (micro) organisms that are responsible for making people sick. Students learn about the common bacteria, viruses, and protists that cause sickness and disease in humans. Medical Microbiology delves into different ways these germs and diseases can spread from person to person, throughout a community, and eventually around the globe while discussing the best practices for stopping them from spreading. Students look into different medications and how they work to kill or slow the growth of different microorganisms. Students will also research why some antibiotic medications are no longer effective against the bacteria that cause disease. Medical microbiology also teaches laboratory skills in how to effectively grow and isolate different colonies of microorganisms in Petri dishes.

**Physics (AZ B-Asynchronous)** - In this course, students will learn physics concepts, including matter and energy, motion and force, speed, velocity, and acceleration in order to better understand how the universe behaves. A survey of the historical development of physics as a foundational branch of science will lead to recognition of the contributions of Newton, Einstein, Planck, and others. Students will apply physics concepts as they study gravity and acceleration, momentum, motion, and energy. The concepts of work and power will become evident as students learn how machines use torque and force to accomplish work. Students will recognize the roles of each fundamental force and will investigate electrostatics, thermodynamics, waveforms, particles, and quantum physics. Following an examination of the nucleus, radioactivity, fission, and fusion, the course concludes with the theories of special and general relativity. Throughout the course, there are lab investigations, including video labs, to reinforce science concepts and skills.

**Sports Medicine (AZ L-Synchronous)** - ISports Medicine provides students with basic knowledge of the history of sports medicine, the anatomy of the body, and the common injuries that occur in sports. In addition, the course discusses techniques used in sports medicine to train and strengthen the body, treatments for injury and disease, and proper nutrition for athletes. As prerequisites, students must possess basic word processing and presentation software skills. Completion of one full year of high school Biology is required in order to evaluate the numerous biological concepts present in this course.

**Veterinary Science (E-Career & Electives)** - 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!

## **Fine Arts**

**Creative Writing (AZ L-Synchronous)** - Creative Writing is a course in which students discover, analyze, and apply the methods and styles used in various forms of fiction, creative nonfiction, drama, and poetry. It emphasizes experimentation and practice, and it encourages students to take cues from published writers and poets. Students express themselves while learning various genres and their respective writing rules. Students also explore related topics, including word choice, diction, form, editing, idea generation, and other skills useful in nonfiction writing. Students do a great deal of writing in this course.

**Digital Arts (AZ F-Blended)** - This course provides computer science students with an introduction to visualization graphics programming on personal computers. The course focuses on using a digital camera and practical application of digital imaging programs. Students learn how to place images in photos and how to mock up drawings of three-dimensional spaces.

**Digital Design and Media Production (AZ B-Asynchronous)** - Digital Design and Media Production is designed to provide students with a comprehensive introduction to the principles and practices of graphic design, video production, and social media marketing. The course covers various topics, including audience identification, graphic design elements and principles, advertising and marketing, videography, and social media. Students will learn the importance of planning and research in communication as well as fair use and copyright laws. They will also develop skills in logo design, videography, and social media marketing while producing a 60-second news package and an ad plan tailored to their target audience. Students will critically analyze the growth of social media and explore the impact of the internet on the advertising and marketing world. Through a combination of lessons, hands-on activities, and projects, students will gain valuable media production experience in an increasingly digital world.

**Exploring Cinema (AZ L-Synchronous)** - Exploring Cinema introduces students to film-making and cinematic productions. In this course, students explore the technology used to create a film and begin to build an aesthetic appreciation of films. Students also explore media art and the ethics of media creation, giving them a wider perspective on the different ways material can be presented.

**Studio Art** - In this hands-on class, we will be exploring different mediums and expanding each student's creativity by introducing new and exciting skills to help them create amazing works. We will be working primarily with acrylic painting, drawing, ceramics and watercolors. The students will have access to several mediums throughout the entire semester and will get to choose his or her own artistic path with help and guidance from the instructor. Projects will be graded on participation and simple criteria since the main focus of this class is exploration and empowerment.

**Theatre (AZ L-Synchronous)** - Theatre I invites students to explore the history of theatre and the basic elements of stage production. The course highlights the technology used to create early and modern stage productions and the basic fundamentals of acting. Theatre I provides students with a look at production elements such as stage lighting, sound, costume, and makeup. Students learn to apply voice and gesture skills in pantomimed and improvised scenarios, and they receive an overview of the responsibilities of the producer, director, and technical crew of a theatre production. Students develop insight to the motivations of a playwright in the development of a story, and they explore the careers and works of famous playwrights. Theatre I provides a balanced educational experience for all students so that they can gain the inquiry and critical skills involved in clarifying theatrical perceptions and knowledge. (This class will also have a performance component.)

## **CTE**

**Auto (Only offered on Fridays at Mountain Institute CTED)** - Gain higher levels of technical knowledge and skills to maintain, diagnose, and repair automobiles and light trucks. **(Offered in March only.)**

**Business Management (AZ B-Asynchronous)** - Business Management is an integral part of the Business, Marketing, and Finance Career and Technical Education clusters. Students will examine evolving views of management with an emphasis on leadership. Next, students will consider ethical case studies and analyze the strengths and weaknesses of various organizational structures. In units 4 through 6, students will analyze the decision-making process as it applies to management issues, such as quality control and improving communication. Beginning with unit 7, students will investigate employee compensation and legal matters concerning hiring and firing. The course concludes with a presentation of practical tools to build one's personal habits and to nurture team building.

**Cosmetology 3A: Introduction to Hair Skills (E-Careers & Electives)** - 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: Waving, Coloring and Advancing Hair Skills (E-Careers & Electives)** - 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.

**Certified Nursing Assistant (Only offered on Fridays at Mountain Institute CTED)** - Gain academic and technical knowledge and skills, and learn industry standards and practices in the field of nursing. **(Offered in March only.)**

**Culinary Arts Program (Only offered on Fridays at Mountain Institute CTED)** - In this program you'll learn culinary arts application and hospitality through the focus of American and International cuisine, using professional cooking and baking methods. **(Offered in March only.)**

**Early Childhood Education (P-CTE & Electives)** - The Early Childhood Education course is designed to provide an overview of the expectations and roles of the early childhood educator. The course provides details about childhood development, health, nutrition, and guidance strategies to help students understand the exciting and unique opportunities that a career in early childhood education can offer. The course is intended to prepare students for challenges they may face, but to emphasize the rewards of being able to influence the life of a young child. The ability to offer support to children as they learn, and grow is a point that is highlighted throughout each lesson. (Year long class)

**Fashion Design (AZ L-Synchronous)** - Fashion Design is an advanced course for students interested in learning the intricate process of how the fashion system works. Students will study the fashion business in sequential order from concept to consumer. They will examine all of the processes involved in the industry from producing raw materials, apparel, and accessories to the retail stores that sell fashion merchandise to the public. Students learn that the decision-making process is complex and not just about the latest designers, styles, or trends of an era. In this course, students will



explore the history of fashion, including the looks and creations at every era. They will discover the equipment, tools, and fabrics used to create fashion, and they will learn how technology is used in fashion. Students have an opportunity to express themselves and their style through the creation of their own fashion design sketches and mood boards. Students will learn fashion terminology and how to forecast new and upcoming fashion trends.

**Fire Science (Only offered on Fridays at Mountain Institute CTED) -** Our Fire Service Program provides students with hands on training in fire prevention and fire protection systems. **(Offered in March only.)**

**Hospitality and Tourism 2A (E-Career & Electives) -** 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.

**Hospitality and Tourism 2B (E-Career & Electives) -** 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 (E-Career & Electives) -** 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.

**Introduction to Journalism and Newsletter (E-Career & Electives) -** 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.

**Medical Terminology (AZ B-Asynchronous) -** Medical Terminology is a course for students with an interest in the medical field. This course provides students with

knowledge of Latin and Greek roots, prefixes, and suffixes in addition to combining forms and eponymous terms related to the many systems of the human body. Students are also able to learn more about the many professions, specialists, and treatment plans associated with different areas of the body. This course introduces new ways of looking at the body through the lens of medical terms and their origins.

**Welding (Only offered on Fridays at Mountain Institute CTED)** - Prepare to enter this much-in-demand field through expert instruction and hands-on experience. **(Offered in March only.)**

## **Technology**

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

**Digital Arts (AZ F-Blended)** - This course provides computer science students with an introduction to visualization graphics programming on personal computers. The course focuses on using a digital camera and practical application of digital imaging programs. Students learn how to place images in photos and how to mock up drawings of three-dimensional spaces.

**Digital Design and Media Production (AZ B-Asynchronous)** - Digital Design and Media Production is designed to provide students with a comprehensive introduction to the principles and practices of graphic design, video production, and social media marketing. The course covers various topics, including audience identification, graphic design elements and principles, advertising and marketing, videography, and social media. Students will learn the importance of planning and research in communication as well as fair use and copyright laws. They will also develop skills in logo design, videography, and social media marketing while producing a 60-second news package and an ad plan tailored to their target audience. Students will critically analyze the growth of social media and explore the impact of the internet on the advertising and

marketing world. Through a combination of lessons, hands-on activities, and projects, students will gain valuable media production experience in an increasingly digital world.

**Fundamentals of Bitcoin & Currency (P-CTE & Electives)** - Upon completion of this course, students will understand bitcoin, including its history, development, and context within the modern global economy. Students will learn the basic cryptographic principles that underlie bitcoin, and gain confidence by demonstrating strong security principles in storing and transaction bitcoin. Key principles such as mining, wallets, and hashing will be introduced. And finally they will be familiarized with the nascent industry of digital currencies and how they function.

**Fundamentals of Blockchain & Cryptocurrency (P-CTE & Electives)** - Blockchain seems to be the latest buzzword that the business world is talking about. But what is it? And why should a high school student care? This course will seek to answer those questions. It will strip away the layers of complexity and sophistication to help students understand the key concepts of the blockchain. The course will introduce and discuss areas where blockchain has the greatest potential.

**History of Gaming and E-Sports (P-CTE & Electives)** - In this course, students will learn about the technologies and design principles that have been the foundation of the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming.

**Introduction to Artificial Intelligence (P-CTE & Electives)** - This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks. Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.

**Introduction to Typing (AZ L-Synchronous)** - In the Introduction to Typing course, students study the proper typing techniques in order to increase their typing speed or WPM (words per minute). Students practice proper posture, finger positioning, and typing strategies, and they explore safe Internet practices.

**Microsoft Excel (E-Career & Electives)** - 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.

**Robotics (CustomF22)** - How does a robot work? How does a robot move? How does a robot think? Learn these concepts by investigating the use of decision making and block programming on the Sphero Bolt platform. Take this hands-on STEAM course to explore the intersection of robots, art, numbers, and nature.

**Social Media Business Marketing (P-CTE & Electives)** - Whether it's posting pictures, videos, or interacting in the metaverse, today's students who aspire to apply their social media skills to business marketing must be prepared! This course on Social Media Business Marketing provides them with the foundational knowledge of social media technology and marketing principles. The course begins with an introduction to Social Media platforms and then goes in-depth into the marketing and advertising strategies used to support a company's social media strategy and campaigns. Through activities and projects, students will gain firsthand knowledge of this exciting field. This course also prepares students for the Social Media Strategist certification.

**Virtual Business (AZ B-Asynchronous)** - The Virtual Business course guides students through the basics of starting, operating, and managing an online company. This course is designed for students interested in starting a virtual business by creating a web presence, conducting online and offline marketing, examining and creating business contracts for online business, and exploring project-management systems. The student will also explore bookkeeping processes, applicable legal company business structures, managing telecommuting employees, maintaining business records, as well as entrepreneurship. Virtual Business also guides the student through potential online career pathways by conducting various personality and career pathway assessments. The student will conclude the course by applying learned skills to create a company, including a business plan, branding the business, and creating a website using common website builder tools. (This credit also fulfills either the CTE or general elective requirements.)

**Wearable Technology Innovations (P-CTE & Electives)** - From hearing aids to pedometers to smart watches, humans have made and worn devices to overcome physical deficiencies, count their steps, and communicate. With the continue miniaturization of chips and sensors, combined with increasing sophistication of artificial intelligence, wearable technology has proliferated into countless end-markets. This course will introduce students to wearable technologies and the components and software that make these technologies possible. The course will also evaluate several applications of wearable technologies in various industries. Finally, the course will examine and discuss the implications of wearable technology, including its pros and cons, and potential implications to our health, privacy, and society.

### **General Electives**

**American Sign Language (E-Career & Electives)** - 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.

**Counseling and Mental Health (AZ B-Asynchronous) - )** This course is a Career and Technical Education course for use in the Health Science or Human Services career pathways. The course covers general topics for personal and professional development (soft skills), such as time management, critical thinking, and problem-solving, communication, team building, ethics, and character. It also focuses on many mental health topics, including the history of mental health care, modern mental health care systems, the nervous system, mental health across life stages, stress, depression, and other mental disorders. Students research the professional development of workers in the mental health field, such as the scope of practice, ways to recognize abuse, and methods for adapting to change. Student and professional organizations for career development are discussed as well. The course ends with activities exploring careers and researching training opportunities.

**Gothic Literature (E-Career & Electives)** - 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.

**Greek and Roman Mythology (AZ L-Synchronous)** - In Greek and Roman Mythology, students explore myths from Greece and Rome. They examine the history of mythology and some of the key gods and goddesses. Students learn to connect the cultures of ancient Greece and Rome with the culture of today. Throughout this course, students use technology and artistic practices to express their knowledge. In addition, they explore vocabulary, literary, and narrative elements, in addition to writing through the lens of mythology. Students work through the process of writing myths of their own through planning, drafting, revising, and publishing.

**History of the Holocaust (E-Career & Electives)** - “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.

**French 1 (AZ L-Synchronous)** - French I is an introductory course designed for students who have little or no previous knowledge of the French language and culture. This course will allow students to acquire the tools necessary for communication and comprehension of the French language. Students explore the global francophone community, and they compare these different cultures to each other and to their own. This course primes students’ fluency through various types of communications.

**German 1 (AZ L-Synchronous)** - In German I, students are introduced to the basic and fundamental skills necessary for expressing common ideas in the German language. They learn to state daily activities and how to have an introductory conversation. These concepts build in theme and scope, allowing students to explore topics including daily activities, travel, needs, desires, and preferences in typical and increasingly complex situations. The course provides a realistic context in which students can practice their newly acquired skills. German I also provides a considerably thorough study of grammatical skills, ranging from the most basic sentences to engaging and creative structures dealing with more interesting situations.

**Logic (AZ B-Asynchronous)** - The Logic I course will improve the critical thinking skills of students through the study of informal logic. The course will challenge students to evaluate whether humans are rational or emotional beings. The majority of the course explores occurrences of faulty reasoning known as logical fallacies. Students will learn to recognize and expose fallacies when evaluating and critiquing arguments. Fallacies covered include appeal to fear, irrelevant thesis, straw man, false analogy, red herring,

and misuse of statistics. Students will apply the study of types, components, and principles of argumentative dialogue in preparing a dialogue of their own. During the course, students will consider and analyze Aesop's Fables and "The Cave" by Plato. The course concludes with a comprehensive review of fallacies and a preview of formal logic.

**Mandarin Chinese (AZ L-Synchronous)** - Mandarin Chinese I is an introductory course to Modern Standard Chinese, which includes the spoken language, Mandarin, and the written language of simplified characters. Students recognize and apply vocabulary in Pinyin and Chinese characters in the context of common themes. In addition to learning the language, students get a glimpse of Chinese culture, history, tradition, and society.

**Music Appreciation (AZ B-Asynchronous)** - This course is designed to help the non-musician understand music basics, including such topics as reading a musical score, melody and harmony, rhythm, music history (styles by period), music theory, musical genres, instruments, orchestration, and arrangement. The course even covers the creation of musical scores using popular music arrangement software. Other topics include the science of musical sound, health and wellness for performers, classical symphony concerts, besides opera performances and etiquette when attending. The course strives to help non-musicians gain an understanding of the world of music and to become well-rounded individuals.

**P.E Online** - This course is intended for those students who will not be going to gym as part of their PE class, You will learn about the components of physical fitness, the primary systems of the body, basic anatomy, a variety of upper & lower body exercises, nutrition, & the basic concepts of a variety of sports.

**Personal Fitness (F-Blended)** - This course concentrates on the principles of being fit and includes subjects such as evaluating fitness, flexibility, anatomy and physiology of body systems as they relate to being fit (oxygen transport, heart health, muscle fibers, etc.), nutrition, hydration, and designing a personal fitness program. Students acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness, and begin to develop an optimal level of fitness.

**Psychology (AZ B-Asynchronous)** - The Psychology course begins with a look at basic social science skills including ethical decision-making and statistical evaluation. After a brief survey of careers in psychology, the student will explore the physical processes of the brain and body systems that shape sense and perception. The student will then study theories of development, personality, and conditioning. Next, students

will explore mental processes behind thinking and memory, language acquisition, motivation, and emotions. Students will investigate the levels of consciousness and disorders leading to abnormal behavior. The course concludes with an examination of the individual and social behavior. Students will learn about stress, attitude formation, conflict resolution, conformity and obedience, altruism, and morality.

**Spanish 1 (SchoolsPLP Publishing)** - Spanish 1 provides students with a fun and engaging way to build their foundation of the Spanish language. Students will start with basic vocabulary and work up to verb conjugations, parts of speech, and conversational skills. Lessons are structured to be interactive and provide students with many visual and auditory ways of practicing the language.

**Spanish 2 (SchoolsPLP Publishing)** - Spanish 2 builds on students' knowledge to help further mastery of the language. Students will explore more complex parts of speech such as feminine and masculine nouns and homophones. This course also expands on verbs and verb tenses, such as infinitive verbs and irregular verbs. In addition, students will learn and practice their conversational and functional Spanish by exploring concepts such as passing of time and descriptions of locations, as well as writing reports and invitations. To tie everything together, students will be immersed in culturally relevant literature and holidays.

**Weight Training** (for females too!)- Students will be introduced to the basic principles of resistance training. This will involve learning the correct technique, major muscle groups, and a variety of equipment that can be used to train. In addition, students will learn a variety of resistance training methods to incorporate into their lifestyle. If there are enough participants, we will be opening another section. People who have already taken weight training are eligible for credit in the second semester also.

**World and Cultural Mythology (AZ L-Synchronous)** - World and Cultural Mythology is the perfect course for students looking for an interactive way to learn about mythology and myths from around the world. The course focuses on different dynamics of myths and analyzes aspects of myths found in different cultures. The course looks at the type of writing styles used in different myths, including common terminology, sentence structure, and writing techniques. Finally, students evaluate mythical places and sacred locations, including the characters commonly found in myths, such as gods, goddesses, monsters, heroes, and deities.

**World Religions: Exploring Diversity (E-Careers & Electives)** - 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.