



**FREEDOM**  
**P R E P   A C A D E M Y**

**HIGH SCHOOL**  
**COURSE CATALOG**  
**2023-2024**

**UPDATED: FEBRUARY 2023**

# FREEDOM PREPARATORY ACADEMY

## HIGH SCHOOL GRADUATION REQUIREMENTS

One half credit (.5) is earned for each course passed each semester. The class of 2021 and future classes will all need to earn 28 total credits to graduate. Elective credits will come from the elective category or a fourth credit of Math, Science, or additional credits of Fine Arts, PE, CTE. A student could earn eight credits per year if they are not enrolled in release-time seminary. Online or Concurrent Enrollment courses are another way to earn high school or college credit or recovery credits for failed classes with administrative/counselor approval. Applied Technology College courses also earn high school elective credit.

**\*\*University admissions standards and scholarship programs may have differing requirements; it is your responsibility to research and meet those requirements.\*\***

4 credits	Language Arts
3 credits	Math (to include Sec. Math I, II, III or teacher approved course)
3 credits	Science (Biology, Chemistry, Physics or approved course)
3 credits	Social Studies (Geography .5, World History or AP World History 1.0, US History or AP US History 1.0, Government .5)
2 credits	Foreign Language (two consecutive years of same language)
1.5 credits	Fine Arts
1 credit	CTE
0.5 credit	Intro to Computer Science
0.5 credit	Financial Literacy
0.5 credit	Health
1.5 credits	Physical Education

Total "Core" Credits required = 20.5

Elective Credits: 7.5

**28 Total Credits required for Graduation**

## **FREEDOM PREP ACADEMIES PROGRAM**

**Five Academies, One Purpose:** Freedom Prep offers five academies that all support one purpose: to help students experience success by teaching them to think critically, connect socially and serve selflessly. Our academies give high school students foundational preparation for career paths that interest them. Studies show that when students focus on a career path, they are more likely to engage in their schoolwork, raising their performance. Many careers are directly or indirectly related to the courses that we offer. However, the problem-solving and critical thinking skills they develop will apply to almost any field.

**Each student will enroll in an academy of their choice. The following descriptions provide an overview of the courses available within each academy.**

***Advanced Academics:*** Students who want to get an early start on their university studies can enroll in the Advanced Academics Academy. Consistent with this goal, they will take honors, AP, and concurrent enrollment courses that will help them earn college credits while still attending high school.

***Computer Technology:*** This academy is for students who are interested in computer science (CS) careers. In addition to taking CS courses, they will also learn several programming languages. The skills they gain will help them continue their CS education and prepare for a career in technology.

***Creative Arts:*** Students who are interested in the performing and visual arts may enroll in the Creative Arts Academy. These students will take courses in art, graphic design, music, photography, and theatre. Graduates of this program will have created a professional portfolio that will help them apply for future opportunities.

***Digital Media:*** Students in the Digital Media Academy are interested in various forms of media, including web design and development, video production, and UX (user experience) design. Graduates will leave with a professional portfolio that can open doors to future jobs and educational opportunities.

***Engineering & Product Design:*** For students who are interested in engineering and product design, the Engineering & Product Design Academy will teach them how to identify unmet user needs and create solutions for them. Graduates of this academy will also learn how to apply human-centered design principles.

**Find Your Pathway to Success:** Our academies create a focused pathway to help students find their passion and experience success now and in the future. We are confident that your student will have a rewarding experience as they participate in The Academies Program.

## **FAQ: Frequently Asked Questions**

### **What is an academy?**

An academy is a set of classes that allows students to explore an educational and career path that interests them.

### **How many academies are there?**

There are five academy options: Advanced Academics, Computer Technology, Creative Arts, Digital Media, and Engineering and Product Design.

### **How many academies can a student belong to?**

One.

### **How do students select an academy?**

Students select an academy on their course selection sheet during the registration process.

### **Can students change academies?**

Yes, but students must commit to an academy by their junior year to allow sufficient time for completing the required courses and senior capstone project.

### **What does it mean to complete an academy?**

Students who complete an academy will graduate with a special designation on their diploma, along with a resume and portfolio.

### **Is completing an academy required to graduate?**

Freedom Prep expects everyone to complete an academy, but it is not a graduation requirement.

### **What does it cost to participate in an academy?**

Nothing.

### **Where can I learn more about the academies and the classes associated with them?**

Please speak to a member of the school counseling department for more information.

## Academies Registration Information

Freedom Prep offers five academies, and it is our vision, beginning with the Class of 2023, that every student will graduate from one of the five academies.

Below you will find each academy and its course requirements. Courses should be taken in the recommended sequence whenever possible. Students graduating in 2023 and 2024 will have reduced academy requirements for graduation.

After reviewing the academies information, declare your academy on your registration form, and sign up for your academy-specific courses. \*CAPS/Capstone/Internship will become available in SY 23-24.

	<p><b>Advanced Academics Academy:</b> Students will earn at least 3 credits of Advanced Placement and/or Concurrent Enrollment credit.</p> <p><b>Recommended Course Sequencing:</b> Take a minimum of one advanced course per year.</p> <p><b>Advanced Courses</b> include: Language Arts 9 Honors, Language Arts 10 Honors, Language Arts 11 Honors, English 1010/2010 CE, Honors Biology, Biology 1010 CE, AP Physics, AP World History, History 1700 CE, Pre-Calculus, AP Calculus AB, AP Statistics, Math 1010/1050 CE, Financial Literacy 1060 CE, Psychology 1010 CE, Humanities 1010 CE, and various Live Interactive (UVU) options.</p>
	<p><b>Computer Technology Academy:</b> Students will earn 3 credits and become a completer of the Programming &amp; Software Development CTE pathway.</p> <p><b>Recommended Course Sequencing:</b></p> <p>9<sup>th</sup> – Computer Programming 1 and 2 (<i>Record on form as: Comp Prog 1, Comp Prog 2</i>)</p> <p>10<sup>th</sup> – Game Development 1 and 2 (<i>Record on form as: Game Dev 1, Game Dev 2</i>)</p> <p>11<sup>th</sup> – AP Computer Science</p> <p>12<sup>th</sup> – CAPS/Capstone/Internship*</p>
	<p><b>Creative Arts Academy:</b> Students will earn 3 credits in a given pathway or create their own pathway within this academy.</p> <p><b>Interior Design Pathway</b> – Recommended Course Sequencing to become a CTE completer:</p> <p>9<sup>th</sup> – Digital Graphic Arts Intro (<i>Record on form as: DGA</i>)</p> <p>10<sup>th</sup> – CAD Architectural Design I (<i>Record on form as: CAD</i>)</p> <p>11<sup>th</sup> – Interior Design 1 and 2</p> <p>12<sup>th</sup> – CAPS/Capstone/Internship*</p> <p><b>Theatre Pathway:</b> Earn at least 3 credits from Theatre 1, 2, 3, 4, Playwriting, Intro to Tech Theatre, Technical Theatre, and Black Box Productions</p> <p><b>Visual Arts Pathway:</b> Earn at least 3 credits from Intro to Visual Art, Ceramics 1 and 2, Sculpture, Drawing 1 and 2, and Painting</p> <p><b>Performing Arts Pathway:</b> Earn at least 3 credits from Band, Orchestra, Choir, or Social Dance</p>
	<p><b>Digital Media Academy:</b> Students will earn 3 credits and become a completer of the Graphic Design &amp; Communication CTE pathway.</p> <p><b>Recommended Course Sequencing:</b></p> <p>9<sup>th</sup> – Digital Graphic Arts Intro and Digital Print Design (<i>Record on form as: DGA, DPD</i>)</p> <p>10<sup>th</sup> – Commercial Photo 1 (<i>Record on form as: Photo 1</i>)</p> <p>11<sup>th</sup> – Production Graphics (<i>Record on form as: Yearbook</i>)</p> <p>12<sup>th</sup> – CAPS/Capstone/Internship*</p>



**Engineering & Product Design Academy:** Students will earn 3 credits and become a completer of the Engineering CTE pathway.

**Recommended Course Sequencing:**

9<sup>th</sup> – Exploring Technology

10<sup>th</sup> – Engineering Principles 1 and 2 (*Record on form as: Eng Prin 1, Eng Prin 2*)

11<sup>th</sup> – CAD Architectural Design 1 and Manufacturing Principles 1 (*Record on form as: CAD, Man Prin 1*)

12<sup>th</sup> – CAPS/Capstone/Internship\*

## LANGUAGE ARTS

**Language Arts 9:** This course focuses on developing students' language and critical thinking skills. Students will also write extensively and read deeply. Students read and analyze texts from various genres. (1.0 credit)

**Language Arts 9 Honors:** The 9<sup>th</sup> grade Language Arts curriculum will be used, and students will complete extra assignments, explore more advanced literary elements, and participate in deeper discussions. (1.0 credit)

**Language Arts 10:** Through this survey of World Literature course, students will further develop and polish reading, writing, speaking, listening, presenting, and research skills while studying a variety of literature. In addition, students will read and write with career and college readiness in mind and increase mastery in both formal and informal writing using MLA. With a focus on higher order thinking, students will develop vocabulary, grammar, and work to identify and understand writing problems while working to develop their ability to read and write informational and literary texts. Students will critically analyze texts in various genres. (1.0 credit)

**Language Arts 10 Honors:** The 10<sup>th</sup> grade Language Arts curriculum will be used, and students will complete extra assignments, explore more advanced literary elements, and participate in deeper discussions. (1.0 credit)

**Language Arts 11:** This course focuses on American literature. Along with reading & studying 4-5 major literary works throughout the year, the course focuses on grammar, vocabulary, and writing essays. Attention is given to analysis and synthesis of major themes from the literary works, which are required elements within the writing assignments. Requirements for speaking and presentation are included within the curriculum. (1.0 credit)

**Language Arts 12:** This course focuses on British literature. Along with reading and studying 4-5 major literary works throughout the year, the course focuses on grammar, vocabulary, and writing essays. Attention is given to analysis and synthesis of major themes from the literary works, which are required elements within the writing assignments. Requirements for speaking and presentation are included within the curriculum. (1.0 credit)

**English 1010 (UVU Concurrent Enrollment):** *Pre-requisite: appropriate test scores as decided by UVU.* This course will serve as the honors level class for both juniors and seniors. This course teaches rhetorical knowledge and skills, focusing on critical reading, writing, and thinking. Introduces writing for specific academic audiences and situations. Emphasizes writing as a process through multiple drafts and revisions. With successful completion of the course, students will earn 3 college credit hours. UVU Concurrent Enrollment courses require a registration fee to receive college credit. (1.0 credit)

**English 1010 (Semester-Long):** See description above. **This course must be taken through UVU Live Interactive.** See Mrs. Gabbitas for more information. (.5 credit)

**English 2010 (Semester-Long):** *Pre-requisite: Completion of English 1010 with a B- or higher.* This course emphasizes academic inquiry and research. Explores issues from multiple perspectives. Teaches careful reasoning, argumentation, and rhetorical awareness of purpose, audience, and genre. Focuses on

critically evaluating, effectively integrating, and properly documenting sources. With successful completion of the course, students will earn 3 college credit hours. UVU Concurrent Enrollment courses require a registration fee to receive college credit. **This class must be taken through UVU Live Interactive.** See Mrs. Gabbitas for more information. (.5 credit)

**Creative Writing 1 and 2:** As writing is the focus of this course, students will be privileged to have a minimum of 20 minutes of silent writing time every class period. Projects will include a personal narrative, short story, graphic novel, and several forms of poetry. The final portfolio will require clean and revised copies of each assignment (minus the graphic novel) representing the students' best work; a cover letter explaining each piece and a thoughtful reflection of the student's experiences in class and how he or she has grown as a writer is also required. **Students taking Creative Writing as their Senior-Year English credit must have written parent permission.** (1.0 credit)

## MATH

**\*Students are not required to provide their own calculators, as FPA has a supply that can be used by students throughout the year.\***

**Secondary Math 1:** This course starts to build the foundational principles of both Algebra and Geometry. The two subjects are intertwined throughout the curriculum as students take a deep dive into linear functions. Students make use of the MVP Math 1 curriculum. Students will learn to formalize and extend the mathematics that they learned in the middle grades. They will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. (1.0 credit)

**Secondary Math 2:** *Pre-requisite: Secondary Math I or equivalent.* Students will focus on quadratic expressions, equations, and functions and on comparing their characteristics and behavior to those of linear and exponential relationships from Secondary Mathematics I. The need for extending the set of rational numbers arises, and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, are also covered. The MVP Math 2 curriculum will be used in this course. (1.0 credit)

**Secondary Math 3:** *Pre-requisite: Secondary Math II or equivalent.* Students pull together and apply the accumulation of learning that they have from their previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. Students cover Functions, Inverses, Solids of Revolution, Trigonometric functions and more. This is the last year of the MVP Math program. (1.0 credit)

**Pre-Calculus:** *Pre-requisite: Secondary Math II and/or Secondary Math III.* This is a rigorous course that prepares students completely for AP Calculus. Students are presented with rich applications for all



concepts that are covered in class. Students learn to formally write mathematical proofs and improve upon their problem-solving skills. (1.0 credit)

**Modern Math:** This course employs everyday uses of mathematics. Topics include Finances, Student Loans, Budgeting, Modeling, Probability, Statistics, and Linear vs Exponential. The end of the year curriculum is decided by students as we study the mathematics behind the students' personal interests. **If taken in place of Secondary Math 3, written permission by parent is required.** (1.0 credit)

**AP Calculus AB:** *Pre-requisite: Secondary Math III and/or Pre-Calculus.* Students tackle Limits, Derivatives, and Integrals. This course prepares students to take the AP Calculus AB exam at the end of the year. Students who successfully complete this course are prepared to take the 2nd level of Calculus upon entering college. (1.0 credit)

**AP Statistics:** *Pre-requisite: Secondary Math III.* This class is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. This course prepares students to take the AP Statistics exam at the end of the year. (1.0 credit)

**MATH 1010 (UVU Concurrent Enrollment):** *Pre-requisite: Placement by an exam, as determined by UVU.* This course expands and covers, in more depth, basic algebra concepts. Includes linear and quadratic equations and inequalities, polynomials and rational expressions, radical and exponential expressions and equations, complex numbers, systems of linear and nonlinear equations, functions, conic sections, and real-world applications of algebra. With successful completion of the course, students will earn 4 college credit hours. UVU Concurrent Enrollment courses require a registration fee to receive college credit. (.5 credit)

**MATH 1050 (UVU Concurrent Enrollment):** *Pre-requisite: Completion of MATH 1010 with a C or higher.* This course includes inequalities, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, systems of linear and nonlinear equations, matrices and determinants, arithmetic and geometric sequences, and the Binomial Theorem. With successful completion of the course, students will earn 4 college credit hours. UVU Concurrent Enrollment courses require a registration fee to receive college credit. (.5 credit)

## SCIENCE

**Biology:** This full-year course is an introduction to the biological sciences, designed with 9th grade students in mind. In accordance with Utah SEEd Biology Standards, this course will cover ecology, molecular biology, cellular and tissue biology, organs and organ systems, genetics, and evolutionary biology. Instruction in this class will include notes, class discussions, and laboratory activities. (1.0 credit)

**Honors Biology:** This full-year course is an introduction to the biological sciences, designed with 9th grade students who desire a greater preparation for college-level science in mind. In accordance with Utah SEEd Biology Standards, this course will cover ecology, molecular biology, cellular and tissue biology, organs and organ systems, genetics, and evolutionary biology. In comparison with the regular Biology course, Honors Biology requires a higher amount of reading and independent work, culminating

in projects or presentations. It will also include notes, class discussions, and laboratory activities. (1.0 credit)

**Biology 1010/1015 (UVU Concurrent Enrollment):** *Pre-requisite: High School Biology and Chemistry; students must be in 11th or 12th grade; Honors Biology is recommended, but not required.* This course covers molecular biology, cellular biology, metabolism, genetics, evolution, and ecology. This course will have several hours of homework a week that includes reading assignments and other activities. Students who complete this course and fulfill the requirements of UVU's Concurrent Enrollment program will receive college credit for both Biology 1010 (3 credit hours) and 1015 (1 credit hour). UVU Concurrent Enrollment courses require a registration fee to receive college credit. (1.0 credit)

**Zoology:** *Pre-requisite: Freshman Biology is recommended but not required.* This full-year science elective covers the biology of the Animal Kingdom. This course will examine the major phyla within the Animal Kingdom, including Porifera (sponges), Cnidaria (jellyfish/stingers), Platyhelminthes (flatworms), Nematoda (roundworms), Annelida (ringworms), Mollusca (mollusks), Arthropoda (crustaceans, insects), Echinodermata (starfish), and Chordata (vertebrates). This course will also cover the organ and organ systems common to many different types of animals, including humans. It will include an overview of animal evolution and ecology. (1.0 credit)

**Chemistry:** Students will value and use science as a process of obtaining knowledge based on observable evidence, and students' curiosity will be sustained as they develop and refine the abilities associated with scientific inquiry. Three major concepts will be studied: (1) The structures in all living things occur as a result of necessary functions. (2) Interactions of organisms in an environment are determined by the biotic and abiotic components of the environment. (3) Evolution of species occurs over time and is related to the environment in which the species live. Chemistry is organized around major concepts of matter, structure, energy, and change. Students will study and learn the principles and laws that describe the conservation of matter, changes in the structure of matter, and changes in energy. (1.0 credit)

**Physics:** Students will embark on a fantastic journey diving into the science of motion, forces, and energy. Physics is a laboratory science course that examines the relationship between matter and energy and how they interact. This course will have a strong emphasis on the mathematics of physics. Students explore physics concepts through an inquiry approach. Mechanics, Electricity and Magnetism, and Atomic & Nuclear Science will be covered. This course is highly recommended for those interested in an engineering career. (1.0 credit)

**AP Physics:** *Pre-requisite: Teacher Approval.* Students will embark on a fantastic journey diving into the science of motion, forces, and energy. Physics is a laboratory science course that examines the relationship between matter and energy and how they interact. This course will have a strong emphasis on the mathematics of physics. Students explore physics concepts through an inquiry approach. Mechanics, Electricity and Magnetism, and Atomic & Nuclear Science will be covered. This rigorous class will prepare students to take the AP Physics exam at the end of the year. (1.0 credit)

**Astronomy:** This course emphasizes the seasonal changes observed in the night sky. We study how the stars move throughout the night and how the sky changes throughout the year. We learn about light and how we can use it to learn about the universe. We learn about things outside of our solar system like constellations, galaxies, stars, as well as the planets and moons in our own solar system. We learn how telescopes and spectroscopes work as well as techniques used to measure distances and brightness

of stars. We also learn how astronomy was studied in the past and the different instruments they used. (1.0 credit)

## SOCIAL STUDIES

**Geography:** Geography is described as the study of the “why of the where.” Students will explore how to use geography as a tool to better understand the world in which we live. They will learn to evaluate and question the why and where of spatial perceptions that are read, seen, and heard. Location, place, movement, region, and human-environmental interaction will be studied. (.5 credit)

**World History:** The study of World Civilizations emphasizes the increasing interrelationships over time of the world’s peoples. East Asia, South Asia, Southwest Asia (Middle East), Africa, Europe, North America, and Latin America will be studied. Students will also cover political, economic, social, philosophical, religious, scientific and technological, and artistic arenas of these areas. (1.0 credit)

**AP World History:** *Pre-requisite: Teacher Approval.* This course is similar in content to World History, with an expectation of advanced reading, writing and critical thinking skills. Each student has the opportunity to take the AP World History test at the end of the year which, if passed, will award students the equivalent college credit. (1.0 credit)

**US History:** Students will study the United States from the years 1876 to present day. We will review the early years of the United States then move into the growth of industry and invention. Students will also participate in class discussions on social reform movements around the turn of the century and the most devastating century of warfare our world has seen. Students also look at social and political changes through the end of the twentieth century. (1.0 credit)

**History 1700 (UVU Concurrent Enrollment), American Civilization:** This class stresses movements and developing institutions that are important for an appreciation of American History from the Pre-Colombian period to the present. Discussions include analysis of developing political, economic, and social institutions and their interrelationships with, and impact upon, the geographical features of the land. Includes book reports, oral response, research papers, media presentations and applications to current events. With successful completion of the course, students will earn 3 college credit hours. UVU Concurrent Enrollment courses require a registration fee to receive college credit. (1.0 credit)

**Government & Citizenship:** The goal of this course is to foster informed, responsible participation in public life. Knowing how to be a good citizen is essential to the preservation and improvement of United States democracy. Upon completion of this course, students will understand the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States. (.5 credit)

## FOREIGN LANGUAGES

**Latin 1:** *Pre-requisite: Latin 8 recommended, but not required.* This course builds on the introductory year of 8<sup>th</sup> grade Latin, moving at a faster pace and learning the Latin language more comprehensively. We will practice writing, listening, and speaking in order to improve reading comprehension. Relevance to everyday language will also gain greater emphasis (including derivatives in English and other modern languages). (1.0 credit)

**Latin 2:** *Pre-requisite: Latin I.* This second year of high school Latin, being the third year for most students, will cover all remaining essential elements of the Latin language. We will spend about half of this culminating year reading genuine Latin texts of various sorts (ancient, modern, Middle Ages; Caesar, Vergil, Livy, etc.). (1.0 credit)

**Mandarin Chinese 1:** Focusing on listening comprehension, with speaking as language is acquired, this course introduces basic conversation, individual likes and dislikes, as well as use of the most frequent verbs. Reading and writing are introduced as students acquire oral language. Some Chinese holidays/festivals are celebrated, as well as Chinese cultural behaviors. (1.0 credit)

**Mandarin Chinese 2:** *Pre-requisite: Chinese I.* This course is a continuation of Chinese I. Students will continue acquiring the four skills of listening, speaking, reading, and writing the Chinese language, as well as delving more deeply into understanding Chinese cultural behavior. (1.0 credit)

**Spanish 1:** This course provides students with a general introduction to the Spanish language. It presents basic structure and grammar of the Spanish language and encourages conversation with the introduction of basic vocabulary. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and writing. Students will also focus on mastering the Present and Past tenses in verb conjugation. Cultural activities introduce students to the customs and geography of the Spanish-speaking countries. (1.0 credit)

**Spanish 2:** *Pre-requisite: Spanish I.* This course builds upon the knowledge gained in Spanish I. This course continues to present basic structure and grammar of the Spanish language and encourages conversation with the introduction of basic vocabulary. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and writing. Students will also focus on reviewing the Present and Past tenses in verb conjugation and mastering the Future, Conditional, and complex tenses. Cultural activities will expand student awareness of the customs and geography of Spanish-speaking countries. (1.0 credit)

## **CAREER TECHNICAL EDUCATION (CTE)**

**Food and Nutrition 1:** This course is designed to focus on the science of food and nutrition. Experiences will include food safety and sanitation, culinary technology, food preparation and dietary analysis to develop a healthy lifestyle with pathways to career readiness. Laboratory-based experiences strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education. (.5 credit)

**Food and Nutrition 2:** *Pre-requisite: Food and Nutrition 1.* This course is designed to focus on principles of food preparation, sports nutrition, consumerism, and career options in the food industry. The study and application of nutrition, sanitation, food sciences and technology in this course provides students with laboratory-based experiences that will strengthen their comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. (.5 credit)

**Interior Design 1:** This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are furniture arrangement basics, floor plan evaluation, area planning and careers. (.5 credit)

**Interior Design 2:** *Pre-requisite: Interior Design 1.* This course provides students the opportunity to develop skills in applying the elements and principles of design to interiors. Projects are integrated throughout the course to provide applications as the students study architecture, furniture styles and constructions, surface treatments and backgrounds, design, and function of space and lighting. (.5 credit)

**Digital Graphic Arts Intro:** Students will use Adobe Creative Cloud to create several projects based in computer design software - create a logo that we cut as a vinyl sticker, make a design for a t-shirt, film and edit a short film and several other projects. We'll use Adobe's software suite (Illustrator, Photoshop, Animate, Premier) to create these projects. (.5 credit)

**Digital Print Design:** Create and produce digital print projects that communicate and promote graphic communication. Develop knowledge and skills relative to the graphic design & printing industries. Includes instruction and hands-on experience in design and layout. Instruction includes the use of industry standard graphics software with the Adobe Creative Suite. (.5 credit)

**Commercial Photography 1:** Use ISO, exposure and shutter speed to create different images. Students will make portraits, take pictures of landscapes and learn the basics of photo editing software like Lightroom. Students will work with in-classroom lighting kits and will have assignments outside of class. Cameras can be checked out from Ms. Ollerton. (.5 credit)

**Production Graphics 1 and 2 (Yearbook):** Join the only class at school where people will buy your homework at the end of the year. Be part of content, design or photography to help make next year's book a success. Application required. (1.0 credit)

**Exploring Technology:** A foundational engineering design course that introduces basic problem-solving and documentation skills. Various aspects of engineering will be explored along with technology's environmental, societal, and economic impacts on our world. By utilizing problem-solving skills, students develop essential abilities and attitudes that will, in turn, expand their occupational opportunities in the world of engineering. (.5 credit)

**Engineering Principles 1:** Students will study and practice a variety of engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities in engineering. (.5 credit)

**Engineering Principles 2:** *Pre-requisite: Engineering Principles 1.* The second class in a sequence of courses that ties observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities in engineering. (.5 credit)

**CAD Architectural Design 1:** This course prepares individuals for careers in Architecture, Engineering, and Construction (AEC) industry as well as the Interior Design industry. Students will receive instruction in 2D or 3D Computer-Aided Design (CAD) software to learn the basics of modeling and design. Students will learn to draw a small residential home with an emphasis on blueprint reading. (.5 credit)

**Manufacturing Principles 1:** This course addresses the history and operational structure of industry, lean manufacturing principles, product development, precision measurement, craftsmanship, and quality management. Emphasis is placed on the interaction of process and material selection, cost, and overall quality. (.5 credit)

**Exploring Computer Science:** The development of new technology continues to grow at an exponential rate, and as students enter this fast-paced world for college and careers, learning to function in our increasingly digital world is requisite for success. Students will spend time discussing new developments in the technological world, as well as honing our professional skills on the computer. (.5 credit)

**Computer Programming 1:** In this class, students will be introduced to the fundamentals of computer programming. We will learn to design, code, and test programs while applying mathematical concepts. You will be introduced to coding concepts and problem-solving skills through a programming language (Python). We will also introduce more complex data structures and their uses, including arrays and classes. We will learn to create more powerful programs. (.5 credit)

**Computer Programming 2:** *Pre-requisite: Computer Programming 1.* In this class, students will review the fundamentals of computer programming and build on the concepts introduced in Computer Programming 1. This course will explore more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs within a specific programming language. (.5 credit)

**Game Development Fundamentals 1:** *Pre-requisite: Computer Programming 1.* This course will provide students with knowledge and project-based experience of fundamental gaming development concepts. These concepts include game design, scripting, creation of digital assets, graphic resources, animations, problem solving, critical thinking, collaboration, and project management. Students will work through the game design process to create game elements, mechanics, and prototypes. (.5 credit)

**Game Development Fundamentals 2:** *Pre-requisite: Game Development Fundamentals 1.* This course builds on the fundamentals explored in Game Development Fundamentals 1 and introduces students to other concepts relating to game development. Students will continue to practice the process of game design production while creating prototypes of game elements. Students will gain experience in the use of game engines for game development while creating game assets, scripts, and other game elements. (.5 credit)

**AP Computer Science Principles:** *Recommended Pre-requisite: Computer Programming 1.* This course seeks to broaden participation in computing and computer science. The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include: (1) Computing is a creative activity. (2) Abstraction reduces information and detail to facilitate focus on relevant concepts. (3) Data and information facilitate the creation of knowledge. (4) Algorithms are used to develop and express solutions to computational problems. (5) Programming enables problem solving, human expression, and creation of knowledge. (6) The Internet pervades modern computing. (7) Computing has global impacts. This course is also meant to prepare you to take the AP Exam for Computer Science Principles. (1.0 credit)

## FINE ARTS (Visual and Performing)

**Intro to Visual Art:** This class provides a foundation in visual arts knowledge and skills and their connections to other subjects and explores the discipline in depth both intellectually and experientially. Students will explore basic art media and techniques, such as drawing, painting, collage, ceramics, printmaking, and sculpture. Students will focus on strengthening their artistic voice through practice and exploration of various techniques. Art criticism, aesthetics, and art history are an integral part of the class. Students will have the opportunity to build up their skills in a sketchbook by developing, growing, and working out new ideas. This class provides a safe environment for students to explore risk-taking in their artwork. (.5 credit)

**Ceramics 1:** This course offers a direct “hands-on” approach to 3D art. It is the first in a series of courses that prepares an individual to apply technical knowledge and skills to the expression of making of 3D art. In this class, students will explore various clay techniques and processes of hand-built pottery and sculpture, including glazing. Supplies may be required. (.5 credit)

**Ceramics 2:** *Pre-requisite: Ceramics 1.* This is an intermediate 3D studio art class that is the 2<sup>nd</sup> semester companion to Ceramics 1. Students must have prior knowledge and skills in hand-built pottery, including glazing, pinch, coil, and slab techniques. This course builds on the knowledge and skills gained in Ceramics 1. Because this is a studio class, additional supplies may be required. (.5 credit)

**Sculpture:** Students will discover the connections between Sculpture and other art disciplines as they relate specifically to 3D art. Students will gain knowledge in additive, subtractive, and assemblage techniques as sources of construction. Students will use mediums such as clay, wire, matte board, etc. Supplies may be required. (.5 credit)

**Drawing 1:** This is a studio class that will focus on the basics, such as contour, value, illustration, and perspective drawing. Such drawing media as pencil, charcoal, pastel, colored pencils, and pen and ink will be explored. Supplies may be required. (.5 credit)

**Drawing 2:** *Pre-requisite: Drawing 1.* This is a studio class that builds on the fundamentals learned from Drawing 1. Students will set individual goals and develop skills in composition, content, and craftsmanship. Students are given more choice in both content and media as they develop a drawing portfolio. Supplies may be required. (.5 credit)

**Painting:** *Pre-requisite: Drawing 1 recommended.* This class offers students a basic knowledge based upon application of the elements and principles of design completed in Drawing 1. In Painting, the student will develop skills and techniques in acrylic and watercolor. Activities will focus on two-dimensional painting skills and techniques, color theory and composition. Supplies may be required. (.5 credit)

**Advanced Choir:** Choir is a performance group devoted to the study and performance of music from a wide spectrum of musical styles. Choir members will learn a wide range of quality repertoire ranging from classical and jazz to spirituals and multicultural music, spanning from the Medieval to Contemporary periods. Choral rehearsals are centered on the national standards of music education and include fundamental singing techniques, musical reading skills, and part-singing, which are necessary to the foundation of developing musicianship. (1.0 credit)

**Beginning Band:** For students in grades 6-12 with no prior music experience. Students will learn foundational instrument technique, reading music and rhythms. Instrument options are: Flute, Clarinet, Alto Saxophone, Trumpet, French Horn, Trombone, Baritone, Tuba, Percussion, and Mallets (Piano players usually play Mallets when no Piano part is available). Instrument rental fees are \$100 per year. Renting instruments from local music stores is also an option. Some funds will be necessary to purchase accessories and needed equipment. Cost and equipment depend on what instrument you choose to play. Students will usually perform in 3 concerts throughout the school year. (1.0 credit)

**Intermediate Band:** For students with 1-3 years of previous band or other music experience. Instrument options are: Flute, Clarinet, Bass Clarinet, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Trumpet, French Horn, Trombone, Baritone, Tuba, Percussion, Mallets (Piano players usually play mallets when no piano part is available.). Instrument rental fees are \$100 per year. Renting instruments from local music stores is also an option. Some funds will be necessary to purchase accessories and needed equipment. Cost and equipment depend on what instrument you choose to play. Students will usually perform in 4 concerts throughout the school year. (1.0 credit)

**Advanced Band:** For students with 2+ years of previous band experience. Advanced Band members also have the option to participate in State Band festival and regional solo/ensemble festival. Along with 4 school concerts, the advanced band also plays at various other events in and out of school. Instrument options are: Flute, Clarinet, Bass Clarinet, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Trumpet, French Horn, Trombone, Baritone, Tuba, Percussion, Mallets (Piano players usually play mallets when no piano part is available.). Instrument rental fees are \$100 per year. Renting instruments from local music stores is also an option. Some funds will be necessary to purchase accessories and needed equipment. Cost and equipment depend on what instrument you choose to play. (1.0 credit)

**Beginning Orchestra:** For students in grades 6-12 with no prior music experience. Students will learn foundational instrument technique, reading music and rhythms. Instrument options are: Violin, Viola, Cello, and Double Bass (Piano players will need to learn one of the previously listed instruments and may play Piano when a part is available). Instrument rental fees are \$100 per year. Renting instruments from local music stores is also an option. Some funds will be necessary to purchase accessories and needed equipment. Cost and equipment depend on what instrument you choose to play. Students will usually perform in 3 concerts throughout the school year. (1.0 credit)

**Intermediate Orchestra:** For students with 1-3 years of previous orchestra or other music experience. Instrument options are: Violin, Viola, Cello, Double Bass (Piano players will need to learn one of the listed instruments and may play piano when a part is available.). Instrument rental fees are \$100 per year. Renting instruments from local music stores is also an option. Some funds will be necessary to purchase accessories and needed equipment. Cost and equipment depend on what instrument you choose to play. Students will usually perform in 4 concerts through the school year. (1.0 credit)

**Advanced Orchestra:** For students with 2+ years of previous orchestra experience. Advanced Orchestra members also have the option to participate in State Orchestra festival and regional solo/ensemble festival. Along with 4 school concerts, the advanced orchestra also plays at various other events in and out of school. Instrument options are: Violin, Viola, Cello, Double Bass (Piano players will need to learn one of the listed instruments and may play piano when a part is available.). Instrument rental fees are \$100 per year. Renting instruments from local music stores is also an option. Some funds will be



necessary to purchase accessories and needed equipment. Cost and equipment depend on what instrument you choose to play. (1.0 credit)

**Chamber Orchestra:** This top-level Orchestra requires an audition or placement by the instructor. Members also have the option to participate in State Orchestra festival and regional solo/ensemble festival. Along with 4 school concerts, the chamber orchestra also plays at various other events in and out of school. Instrument options are: Violin, Viola, Cello, Double Bass (Piano players will need to learn one of the listed instruments and may play piano when a part is available.). Instrument rental fees are \$100 per year. Renting instruments from local music stores is also an option. Some funds will be necessary to purchase accessories and needed equipment. Cost and equipment depend on what instrument you choose to play. (1.0 credit)

**Theatre Foundations 1:** For students interested in developing basic skills in acting and theatre. Students will learn pantomime, monologues, scenes, and playwriting, as well as a brief overview of theatre history. Students may take the course both semesters during their first year if schedules allow. (.5 credit)

**Theatre Foundations 2, 3, and 4:** *Pre-requisites: Previous Theatre Foundations Course.* These classes allow students to build on skills and knowledge developed in previous Theatre Foundations courses. The courses are designed for students who wish to focus on performance, playwriting, and directing; the further students progress in the program, the more customized these courses can become. Students who hope to pursue theatrical performance degrees in college should enroll in these courses. (1.0 credit each)

**Technical Theatre:** *Pre-requisite: Drama 6, Theatre 7-8, or Theatre Foundations I (HS).* This is a class for students in grades 7-12 who are interested in learning about and gaining some experience in technical theatre. Students will learn about costuming, hair and makeup design, lighting and sound design, set and properties design, and house management. *Students who wish to assist backstage during school productions must be enrolled in this class.* (1.0 credit)

**Black Box Productions:** This is a class for high school students who are interested in applying things they have learned in other theatre classes as they select and create student-run productions (either stage plays or short films). Students will be responsible for writing the scripts, acting, directing, costuming, hair and makeup design, lighting and sound design, set design, and properties design. All writing, rehearsal, design work, and construction will take place during class. Performances will be available to friends and family either in person (when possible) or on video. Students may repeat the course as often as schedules allow. (.5 credit)

## HEALTH/PHYSICAL EDUCATION

**Health Education** (*Required for graduation*): Students will establish an understanding of the importance of developing and maintaining a balance of physical, mental, emotional, and social well-being. This course is designed to assist students to acquire knowledge, demonstrate life skills, and develop positive attitudes that will lead to a higher quality of life. (.5 credit)

**Fitness for Life** (*Required for graduation*): This class will enable students to obtain the knowledge and skills necessary to develop and maintain a health-enhancing level of fitness and to increase physical

competence, self-esteem and the motivation to pursue lifelong physical activity. Students will participate in activities that will increase physical fitness levels and develop health practices that value physical activity and its contribution to lifelong fitness. (.5 credit)

**Strength Training:** Every day in class we will cover some aspect of sports and physical fitness. Strength Training focuses on knowing your individual strengths and weaknesses and progressing over time. There will be fitness testing as the semester progresses. Students should plan on participating in some form of activity daily. Activities will range from moderate to intense. (.5 credit)

**Team Sports:** Every day in class we will cover some aspect of sports and physical fitness. Several sports will be played throughout the semester, with emphasis on skills and teamwork. Students should plan on participating in some form of activity daily. Activities will range from moderate to intense. (.5 credit)

**Social Dance:** In this semester-long class, we will be focusing on the beginning level steps of Social Ballroom Dance. Students will get to work with one another, dance with one another and get to know their classmates. Students will learn these dances: Cha-cha, Swing, Waltz, Tango, Foxtrot. Students will have the opportunity to showcase what they learn in class with group routines and competitions. Students who take this class will learn level 1 in the fall semester and level 2 in the spring semester. This is a good class for students to learn how to move their body, learn social and team building skills, as well as have fun. There is a fee for the class. (.5 credit)

**Ballroom Technique:** This class is designed for students who have previously taken Social Dance and want to receive specific instruction on technique, which will help students perform at a higher level for Ballroom competitions. (.5 credit)

**Ballroom Team Performance:** *Pre-requisite: Social Dance and/or teacher approval.* In this year-long class, students will have the opportunity to learn the more advanced and competitive style of ballroom dance known as "International Style". The dances they learn will be of the following: Pasodoble, Samba, Rumba, Viennese Waltz, Jive, International Cha-Cha, International Waltz, American Foxtrot, and American Waltz. The international style is more often used in competitions and performances, which is why we are learning it in this class. Students in this class will have multiple opportunities to perform their routines. This class has a fee. (1.0 credit)

## GENERAL ELECTIVES

**Financial Literacy (Required Elective):** This is a life skill course that focuses on essential skills students need to navigate the adult world they will soon be entering. Students will research colleges, joining the workforce, research career opportunities, and personal finance. We will discuss individual roles and responsibilities, communication skills, decision-making, college preparedness, career opportunities, and workforce preparation in class. Students will learn how to budget and plan for future obligations while promoting wise money management. Topics will include behavioral finance, income, spending, time value of money, understanding the cost of using credit, protecting personal data, fraud prevention, and more. Students will have the opportunity to take this class concurrently enrolled with UVU, earning 3 college credits for Fin Lit 1060. (.5 credit)

**Creative Writing:** As writing is the focus of this course, students will be privileged to have a minimum of 20 minutes of silent writing time every class period. Projects will include a personal narrative, short

story, graphic novel, and several forms of poetry. The final portfolio will require clean and revised copies of each assignment (minus the graphic novel) representing the students' best work; a cover letter explaining each piece and a thoughtful reflection of the student's experiences in class and how he or she has grown as a writer is also required. (.5 credit)

**Psychology:** This is a one semester social studies elective class. In this class we will look at the basics of the history of psychology and psychological research. We will answer questions about human thought and behavior. We'll talk about psychological experiments, how humans learn, what determines personality, and mental disorders and abnormal behavior. This class is a social studies elective class. Students in 9-12th grade may take this course. There are no prerequisites. (.5 credit)

**Psychology 1010 (UVU Concurrent Enrollment):** This is a full-year psychology class. Concurrent Enrollment classes are considered UVU college level courses. As a college course, students can expect college-level homework and quizzes assigned every class period. In this class we will cover the history of psychology, subfields of psychology, basics of sensation and the nervous system, consciousness, memory, learning, motivation and emotion, human development, personality, intelligence, mental disorders, treatment, and social psychology. This class is open to students in 10-12th grade. With successful completion of the course, students will earn 3 college credit hours. UVU Concurrent Enrollment courses require a registration fee to receive college credit. (1.0 credit)

**Public Speaking:** This course provides an introduction to basic concepts, theories, and principles of oral communication as applied to a variety of speaking situations. This course is designed to help students manage apprehension about communicating in public contexts and develop competence in oral communication through performance, the development of critical thinking skills, arrangement of ideas, and use of evidence and reasoning to support claims. Students will construct and deliver a variety of speeches, including impromptu, informative, and persuasive speeches. Students will also learn how to create and incorporate cue cards, PowerPoint slides, and visual aids into their presentations. Finally, students will learn how to improve their listening, notetaking, and observational skills. (.5 credit)

**Senior Capstone Project (within your chosen Academy):** *Pre-requisite: Teacher Approval.* Students will have an opportunity to pursue an academic project of their choosing that best showcases their skills, knowledge and abilities gained during their high school years. This is a semester-long project that will culminate in a final product, demonstration or presentation. Projects will be centered on intellectual development/academics, college and career readiness, or humanitarian service and must be approved by faculty.

**English Language Learning (ELL)** Students (being born in the USA or not) whose first language is not English who need assistance in the English language, belong to the ELL program. Through the SIOP model, students improve their social and/or academic language. Coursework frequently uses the student's existing classes to learn English. Enrollment is by invitation or by request.

**Directed Studies:** This course is specifically for students who have an Individualized Education Plan (IEP).

## Live Interactive UVU Classes

Various classes through UVU will be offered on our campus via Live Interactive technology. Courses taken through UVU will count for credit at FPA and UVU. Registration fees apply (\$35), and courses cost \$5/college credit. Speak to Mrs. Gabbitas to sign up for an available course.

### **Fall 2023 Offerings:**

**Communications 1020** (MWF 8:00-8:50 a.m.)

**Art 1010** (MWF 9:00-9:50 a.m.)

**Humanities 1010** (MWF 10:00-10:50 a.m.)

**Philosophy 2050** (MWF 2:00-2:50 p.m.)

**English 1010** (TR 8:30-9:45 a.m.)

**Math 1030** (TR 11:30 a.m. - 12:45 p.m.)

## Mountainland Technical College

Various certification programs are available for juniors and seniors during our school day at Mountainland Technical College. These courses are an excellent opportunity to become certified for immediate employment after graduation and to earn college credits. Check out MTECH's [website](#) for requirements, deadlines, applications, and schedules. In addition to the hours earned toward certification at MTECH, students will earn High School elective credits for program hours completed. You must be on track for graduation to take advantage of this opportunity. Speak to Mrs. Gabbitas for more information.