

Mountain View High School Course Offerings and Descriptions

2024- 2025

Accredited since 1980 by Northwest Association of Schools and Colleges



Mission Statement:
Engage, Achieve, Contribute

Mountain View High School
665 West Center Street
Orem, Utah 84057

Home of the Bruins
Mascot: Bruin Bear
Colors: Cardinal, Gold, White

Website: <http://mvhs.alpineschools.org>

Principal – Kevin Henshaw
Assistant Principals: Ingrid Andromidas, Jason Flinders, Kori Thomas, David Ludwig

Administration Office:
Phone: 801-610-8160
Fax: 801-227-8764
Hours: 7:30am – 3:00pm

Attendance Office:
Phone: 801-610-8162
Hours: 7:30am – 3:00pm

Financial Office:
Phone: 801-610-8160
Hours: 7:30am – 3:00pm

Counseling Office:
Phone: 801-610-8161
Fax: 801-227-2460
Office Hours: 7:15 am - 3:15 pm
Counselor Hours: 7:15 am - 2:45 pm

Counselors (assigned by last name)
Jessica Grosland A - C
Annika Phillips D - Hi
Karalee Clarke Ho - Mi
Shanna Carroll Mo - Sam
Tyrel Reynolds San - Z

ALPINE SCHOOL DISTRICT
MOUNTAIN VIEW HIGH SCHOOL
GRADUATION REQUIREMENTS
(Grades 9-12)

28 total credits in the following areas required for graduation:

4.0 Credits Language Arts

- 1.0 Language Arts 9
- 1.0 Language Arts 10
- 1.0 Language Arts 11
- 1.0 Language Arts Elective

3.0 Credits Science

2.0 Science Core (taken from 2 different areas)

- Earth Science
- Biological Science
- Chemistry
- Physics
- Computer Science

1.0 Science Elective

3.0 Credits Mathematics

- 2.0 Math Core**
- 1.0 Math Elective**

3.0 Credits Social Studies

- 0.5 World Geography
- 0.5 World Civilizations
- 1.0 U.S. History
- 0.5 U.S. Government & Citizenship
- 0.5 Social Studies Elective

1.5 Credits The Arts

2.0 Credits Physical and Health Education

- 0.5 Health
- 0.5 Participation Skills
- 0.5 Fitness for Life
- 0.5 Physical and Health Education Elective

1.0 Credit Career Technology Education

0.5 Credit Digital Studies

0.5 Credit General Financial Literacy

9.5 Credits General Elective

(Any additional credit earned in the above requirements, and/or any elective credit of choice.)

OPTIONS TO EARN COLLEGE CREDIT WHILE IN HIGH SCHOOL

- AP Test score of 3, 4, or 5
- Attend College Campus for Credits
- Concurrent Enrollment: High school classes which can also give credit at a college or university
- Distance Education: Classes transmitted from a college campus to MVHS

ADVANCED PLACEMENT COURSES

A student earning a passing grade from the AP exam may be granted 3 to 18 semester credits by the university or college where the student is admitted.

- | | |
|-----------------------|---------------|
| Art Design | Music Theory |
| Art Drawing | Physics |
| Biology | Psychology |
| Calculus AB | Spanish |
| Calculus BC | Statistics |
| Chemistry | US History |
| English Language | World History |
| Environmental Science | |
| Government & Politics | |

OTHER OFF-CAMPUS CLASSES AVAILABLE

Mountainland Technical College (MTech)
CTE Internships (MVHS)
Building Construction (school-to-school class at Timpanogos High School)

ADDITIONAL CLASSES AT MVHS

IVC classes broadcast from other Alpine District schools
Distance Ed classes broadcast from UVU

MOUNTAIN VIEW HIGH SCHOOL

COURSE OFFERINGS & DESCRIPTIONS

Requirements include credits earned in 9th through 12th grades.

LANGUAGE ARTS

Required: 4.0

3.0 CREDITS - LANGUAGE ARTS CORE

ENGLISH 9

YEAR

This course includes work in reading, writing, speaking, and presentations. Students will read literary and informative texts and write several different kinds of papers. The state core will be followed.

ENGLISH 10

YEAR

This course includes work in reading, writing, speaking, and presentations. Students will read literary and informative texts and write several different kinds of papers. The state core will be followed.

ENGLISH 10 HONORS

YEAR

This course is an accelerated English class for students who excel in reading, writing, and oral skills. The state core will be followed. Study will be in more depth than in English 10.

ENGLISH 11

YEAR

Students will continue to develop skills in reading, writing, speaking, and presentation. Students will study literary texts as well as informative texts and will write several different kinds of papers.

AP ENGLISH LANGUAGE

YEAR

This Advanced Placement class is a college-level course in effective writing and critical reading. Students will read and write the kinds of discourse they will encounter during college and on the job. The course will focus on contemporary, nonfiction literature. Students prepare for the AP Language and Composition exam. This course fulfills the Language Arts 11 requirement.

AP Test for college credit is available.

1.0 CREDIT - LANGUAGE ARTS ELECTIVE

BUSINESS COMMUNICATIONS 1

SEMESTER

Confidence, Success and Happiness! Let's develop positive life skills together. Join me on an adventure in enhancing your communication skills to land your dream job, make friends and influence people, overcome social fears, and live your best life. This course is a "pathway completer" for many CTE Pathways and will earn you Language Arts Elective Credit. Communication is the key to success!

BUSINESS COMMUNICATIONS 2

SEMESTER

This course is a continuation of Business Communications 1. See course description above under Business Communications 1.

ENGLISH 12 CE (UVU ENGLISH 1010)

YEAR

Prerequisite: Minimum B average in English 10 AND ACT score of 19+ in English and 19+ in Reading, OR passing score on the UVU Accuplacer test

This is a UVU Concurrent Enrollment class (ENG 1010). 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. Includes major essay assignments, writing and collaboration, research writing, journals, and portfolios. This course fulfills the Language Arts 11 requirement.

UVU ENGLISH 1010
SEMESTER

Prerequisite: Minimum B average in English 10 and 11, AND ACT score of 19+ in English and 19+ in Reading, OR passing score on the UVU Accuplacer test

This is a UVU Concurrent Enrollment class (ENG 1010). 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. Includes major essay assignments, writing and collaboration, research writing, journals, and portfolios.

UVU ENGLISH 2010
SEMESTER

Prerequisite: C- or better in English 1010, OR ACT score of 29+ in English and 29+ in Reading, OR AP Lang or AP Lit test score of 3 or better.

This is a UVU Concurrent Enrollment class (ENG 2010). ENGL 2010 emphasizes academic inquiry and research in the humanities and social sciences. Students explore issues from multiple perspectives and practice careful reasoning, argumentation, and rhetorical awareness of purpose, audience, and genre. The class focuses on critically evaluating, effectively integrating, and properly documenting sources. In addition to major essay assignments, the course may include in-class writing and collaboration, an annotated bibliography, oral presentations, and portfolios.

AP ENGLISH LANGUAGE
YEAR

This Advanced Placement class is a college-level course in effective writing and critical reading. Students will read and write the kinds of discourse they will encounter during college and on the job. The course will focus on contemporary, nonfiction literature. Students prepare for the AP Language and Composition exam.

AP Test for college credit is available.

ENGLISH 12
YEAR

Students will study a variety of subjects and genres in literature, writing, and current events, as preparation for a college education.

ENGLISH 12 FANTASY/SCIENCE FICTION
SEMESTER

This genre will be studied through literature and writing. Students will study short stories, novels, and informative texts related to fantasy and science fiction. Students will also write a variety of papers.

ENGLISH 12 FILM LITERATURE & HISTORY
SEMESTER

Students will study films made from the silent era to today's block-buster special effect movies. Students will study light, composition, colorization, sound, direction, and special effects. Students will study a breakdown of movies and analyze them. The class concludes with a research project.

ENGLISH 12 MYTHOLOGY
SEMESTER

Study of Greek & Roman mythology will help students learn to appreciate the impact they have on our literature.

JOURNALISM
YEAR

This course teaches fundamentals and techniques of news and reporting, i.e. interviewing, observing, writing, editing, and photography. Students in this class are considered staff members for the school news website and will be responsible for monthly production of The Bruin Post, including writing an article each month and other constant duties.

READING SKILLS
YEAR

These courses will cover basic reading skills.

Prerequisite: Teacher Approval

FRENCH 3 CE 1020
YEAR

Prerequisite: French 2, 3 or 4

This is a UVU Concurrent Enrollment class (FREN 1020). This year you can earn college credit and your Utah Seal of Biliteracy on your High School Diploma! In our Level 3/CE French class, we will further students' exposure to the French language through the use of authentic texts, children's stories, literature and videos. Take your speaking, listening, reading and writing to the next proficiency level as we work through four units centered around: Physical and Mental Health, Healthy Friendships/Relationships, Childhood, and the Future. Students can earn their Seal of Biliteracy on their diploma in March as they take the AAPPL test. French CE 2010 may be offered the following year, depending on enrollment.

SPANISH 3 CE
YEAR

Prerequisite: Spanish 2 or 3

This is a **UVU Concurrent Enrollment class (SPAN 1020)**. You can get your Utah Seal of Biliteracy and earn college credit. This course is designed for students who are fluent (have intermediate proficiency) in Spanish. Students will listen, speak, read, and write in greater depth and intensity, expand vocabulary, and increase grammar and usage skills. It will include a study of the people who speak the language as well as their culture and civilization.

SPANISH 4 CE
YEAR

Prerequisite: Spanish 3, 4 or teacher recommendation

This is a **UVU Concurrent Enrollment class (SPAN 2010)**. You can get your Utah Seal of Biliteracy and earn college credit. Students begin a cycle of advanced understanding and performance in the language. They can exchange personal opinions for the purpose of persuading others. They can use a variety of language strategies, and they can read and write factual information accurately. They read longer excerpts or complete works of literature. They discuss and respond to what they read. Students at this level are creating with the language and interacting with the wonderful Spanish authors in literature. This course will prepare students to take AP Spanish the following year. This class can be taken in place of English 12. .

AP SPANISH
YEAR

Do you want to save up to \$4,800 in college fees? Then take this class.. Students will be immersed in the Spanish language, including reading, writing, speaking, and listening. It will include a further study of culture, civilization, history, literature, and grammar. Since civilization, history, and literature are not on the AP test, this class will include a further study of grammar, vocabulary, speaking, listening, reading, and writing skills. This course will prepare students to take the Advanced Placement Spanish test. Spanish is used exclusively in class. **AP Test for college credit is available for up to 16 college credits.**

UVU SPANISH 3116, 3117, 3118
YEAR

Prerequisite: Minimum score of 3 on the AP Spanish test.

This is a **UVU Concurrent Enrollment class (SPAN 3116, 3117, or 3118)**. The exact course number offered varies from year to year. These are concurrent enrollment courses aligned to the Bridge Program. Students need to pass the AP Spanish exam with a minimum score of 3 to participate in this class.

SCIENCE

Required 3.0

2.0 CREDITS – SCIENCE CORE

FROM TWO DIFFERENT AREAS – EARTH SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS, COMPUTER SCIENCE

EARTH SCIENCE
EARTH AND SPACE SCIENCE
YEAR

Fee required

This is a course focusing on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. Students will explore the Earth's spheres including the geosphere, hydrosphere, cryosphere, atmosphere, and the cycles of the Earth such as the water and carbon cycle. Students will learn about scientific inquiry, geologic time, space exploration, the solar system, and the universe. This course helps students to further become scientifically literate and prepares them for future science classes. This course is highly recommended before taking Astronomy.

AP ENVIRONMENTAL SCIENCE
YEAR

Fee required

Environmental science is the study of the environment and environmental problems. This course will expose you to the interconnectedness of all natural processes on Earth, as well as the ecological requirements for sustaining human life. You'll get up close and personal learning about how individual and collective decisions and policies directly impact the environment, as well as how to balance both humanity's and nature's needs without further compromising the ecosystem. Labs will make up a large portion of classwork. **AP Test for college credit is available.**

BIOLOGY

BIOLOGY

YEAR

Fee required

Students will study the functions of atoms and molecules in the chemistry of cells, the structure and function of cells, and how cells function as a system. They will analyze how genetic information is passed from one cell to another, and the significance and impact of genetic alterations on living organisms. They will explore biological diversity, analyze characteristics of ecosystems and the interdependence of organisms with each other and with their environment. Hands-on, student-centered activities allow students to explore the relevance of biology in their lives.

BIOLOGY AGRICULTURAL SCIENCE

YEAR

Fee required

This course is designed to meet the requirement for biological science credit. The standards and objectives for this course are the same as the standards and objectives for Biology, with the only difference being the degree of emphasis on agriculture. Students completing this course will be cognizant of current technologies, methods, and changes in agricultural science and are expected to know and apply the standards outlined in the core curriculum as they relate to the industry of agriculture.

AP BIOLOGY

YEAR

Fee required

AP Biology is a college-level course in which students cultivate their understanding through inquiry based investigations. Students explore topics including biological molecules, cell structure, cellular energetics, cell cycle and communication, genetics, and ecology. These topics are integrated by the concept of evolution by natural selection. Biology, Chemistry, and a minimum GPA of 3.5 is highly recommended. Available to students after completion of the Biology or Biology Agricultural Science class. (Some exceptions allowed for highly motivated students.) **AP Test for college credit is available.**

CHEMISTRY

CHEMISTRY

YEAR

Fee required

This course is designed to provide a framework for literacy in chemistry. Students will investigate the nature of the atom, infer physical and chemical properties based on chemical bonding and periodic tendencies, investigate chemical reactions, and study chemical systems and the processes of chemical analysis. Students interested in a more challenging class and college credit should look into taking CE Chemistry or AP Chemistry.

AP CHEMISTRY

YEAR

Fee required

AP Chemistry is designed to be the equivalent of a college general chemistry course usually taken during the first year. This course provides students with preparation to take the AP Chemistry Exam, and a college-level foundation to support future advanced coursework in chemistry or other STEM related fields such as medicine, engineering, and more. Students will cultivate their enduring understanding of chemistry as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The students will develop higher-level critical thinking skills, and the ability to clearly express their ideas in an environment which fosters cooperation and teamwork. **AP Test for college credit is available.**

CHEMISTRY CE

YEAR

Fee required

This is a one-year long, UVU Concurrent Enrollment class. Students sign up for two UVU classes, CHEM 1010 and CHEM 1015, for a total of 4 college credits. This college course is for students interested in a challenging, intensive and deep study in chemistry. This is a course that implements math principles in science. This course is for students who are preparing for careers in science, healthcare and technology. Topics to be taught include: chemical measurements, atomic structure, formulas, chemical reactions and equations, chemical nomenclature, stoichiometry, molecules and chemical bonding, gas laws, liquids, solids, solutions and acids and bases. Chemistry 1010 fulfills a Physical Science general education course requirement for all institutions of the Utah System of Higher Education.

COMPUTER SCIENCE

COMPUTER SCIENCE PRINCIPLES CE

SEMESTER

This is a UVU Concurrent Enrollment class (CS 1030). Computer Science Principles is an introductory class for students to computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical (USB E).

PHYSICS

PHYSICS

YEAR

Fee required

Physics fulfills a core science requirement. This course explores the fundamentals of Physics as well as skills necessary for succeeding in a science or experimenting environment. Students will learn about Forces, Energy, Fields, and Waves in a hands-on setting. This course involves using a variety of different tools and software to perform labs and complete projects.

AP PHYSICS

YEAR

Fee required

AP Physics 1 acts as a first or second year physics course. This course is designed to teach students a deep conceptual and mathematical understanding of Physics. AP Physics covers material on motion, forces, gravity, Newton's laws, momentum, circular motion, and energy. Labs will make up a large portion of classwork. **AP Test for college credit is available.**

1.0 CREDIT – SCIENCE ELECTIVE

AQUACULTURE

YEAR

Students will develop skills to produce & care for fish. Course topics include fish species, ecology, anatomy, physiology, water quality, aquaponics, commercial production, water body management & fishing techniques. Pools of trout, catfish and bluegill will be raised as part of the course.

ASTRONOMY

YEAR

Fee required

This class presents instruction about the content and history of the cosmos. Both semesters cover different topics, so students can take one or both semesters without repetition. During Semester 1, students will study the motions of the sun, moon and stars, the history of astronomy, the birth, life and death of stars, constellations, our own solar system, etc. Semester 2 will focus on the formation of the universe, galaxies, blackholes, time and space, the search for life in the universe, NASA, rovers, satellites, rockets, space exploration, etc.

BIOTECHNOLOGY CE

YEAR

Fee required

This is a one-year long, UVU Concurrent Enrollment class (BTEC 1010). Biotechnology is a laboratory-based course designed to teach students the basic principles and techniques associated with the field of biotechnology. Students are introduced to the biology and chemistry of DNA, RNA, and proteins. This course provides a broad experience in contemporary biological laboratory techniques using state of the art tools and equipment, and students have an opportunity to design their own labs. Subjects of microbiology and molecular biology are the central part of the course. Students keep a legal laboratory notebook and use computers to analyze data obtained in the laboratory. There is emphasis on the central dogma of biology, DNA techniques, applications in biotech and bioethics, forensics, genetics, agricultural biotechnology, bioethics and biotech careers.

ENGINEERING EXPLORATION

SEMESTER

Enjoy learning about all types of engineering at any level you would like. Join in on creating projects with the option of choosing your own. Some of these fields include: Civil, Computer, and Bioengineering. Explore these and other engineering careers to make your impact. Sprinkle in some basic math and applied physics to take it to the next level. Engineering Pathway option. Science Elective.

ENGINEERING PROFESSIONS

SEMESTER

Discover your own inner desire to create. There are so many amazing engineering professions to explore and products to create. We will do work with Mechanical, Chemical, Electrical, and Materials Science Engineering. Students will learn concepts and create projects that they may choose. Apply some basic math and science principles to make the class as fulfilling as you would like. Engineering Pathway. Science Elective.

MEDICAL ANATOMY & PHYSIOLOGY

YEAR

Taking this full-year course is a must for any student interested in understanding the human body and its functions. Instruction includes anatomy (the study of body parts) and physiology (functions of the body), some medical terminology, diseases and disorders, engaging labs, health careers, and some medical ethics. Students that plan to pursue a medical/health related career will need the foundational information that this course provides.

MARINE BIOLOGY

SEMESTER

Fee required

Marine Biology, or Marine Science, is the study of oceans on planet Earth. This class looks at the oceans from an ecological viewpoint, which is the relationship of living organisms and the environment they live in. Scientific subjects that are more commonly related to land will be applied to the oceans. Topics will include water, weather, land formations & plate tectonics,

photosynthesis, ecosystems, food pyramids, and the biodiversity of marine organisms from microorganisms to the largest mammals. There is also emphasis on the effects of human interaction on the oceans.

ROBOTICS DISCOVERY

SEMESTER

Be a part of discovering robots. See how they will impact the world. Learn a little of how they work and the high paying jobs in robotic automation. Build simple robot kits and learn how to control them with simple drag/drop block coding. This is a lab-based, hands-on curriculum where you can learn the simple side and enjoy or dive into the complex parts of combining electrical, mechanical and engineering principles. Explore robot electronics: sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators.

ROBOTICS OPPORTUNITIES

SEMESTER

Learn of the many in demand opportunities for high paying work in Robotic Automation and other related fields. Explore all the types of education opportunities from more hands-on to theoretical application that combine electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices with computer programming. A study and application of electrical concepts with hands on kits.

ZOOLOGY

YEAR

Fee required

This course is an introduction to the complex and diverse world of animals. This is a biological science class that will survey the ten major phyla of the kingdom Animalia. Particular emphasis will be on development, morphology, behavior, adaptations, and systematics of both vertebrates and invertebrates. Topics will also include classification, taxonomy, and evolutionary relationships of animals. This is NOT a human biology class, instead we focus on other animals and Zoology in general. Students will be expected to fully participate in labs that will include multiple animal dissections.

MATHEMATICS

Required 3.0

2.0 CREDITS – MATHEMATICS CORE

SECONDARY MATH I

YEAR

Students in Secondary Mathematics 1 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. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

SECONDARY MATH II

YEAR

Prerequisite: Secondary Math I

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations. A scientific calculator is required for this course, a graphing calculator is recommended.

SECONDARY MATH II LITE

YEAR

Prerequisite: Secondary Math I

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations. A scientific calculator is required for this course, a graphing calculator is recommended. This class is for students who have struggled with math in the past or would greatly benefit from individualized instruction. This class is not recommended for college bound students.

SECONDARY MATH II EXTENDED TOPICS

YEAR

Prerequisite: Secondary Math I

Secondary Mathematics Common Core curriculum (Honors)

SECONDARY MATH III

YEAR

Prerequisite: Secondary Math II

Students in Secondary Mathematics III will focus on pulling together and applying the accumulation of learning that they have from their previous courses. They will apply methods from probability and statistics, expand their repertoire of functions to

include polynomial, rational, and radical functions, they will expand their study of right triangle trigonometry and will bring together all of their experience with functions and geometry to create models and solve contextual problems.

SECONDARY MATH III EXTENDED TOPICS

YEAR

Prerequisite: Secondary Math II

Secondary Mathematics Common Core curriculum (Honors)

1.0 CREDIT - MATHEMATICS ELECTIVE

ACCOUNTING 1

SEMESTER

This course lays a good foundation for anyone wanting to understand how money works in a company you work for or one you start on your own. Students will learn concepts of double-entry accounting systems. Skills will include understanding the accounting cycle; entering transactions in journals; posting to ledgers; compiling end-of-period worksheets; adjusting and closing entries, statements, and reports; completing banking activities and payroll systems; and writing and communication examples. Don't be overwhelmed! We'll take it one step at a time and apply it in a fun way!

ACCOUNTING 2

SEMESTER

Prerequisite: Accounting 1

This course must be taken subsequent to Accounting 1. This course provides understanding on how money works for whatever position you have in a job. It also helps prepare those that want to be an entrepreneur and have the knowledge to understand what your account is doing. Students will continue applying concepts of double-entry accounting systems related to a merchandising business. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating and recording adjusting entries, and interpreting financial information (USB). We'll make this applicable to whatever business avenue you want to pursue.

COLLEGE MATH 1010 CE

YEAR

Prerequisite: Secondary Math II and III with a C average, OR ACT Mathematics score of 19+, OR appropriate test scores

This is a UVU Concurrent Enrollment class (MAT 1010). Expands and covers in more depth basic algebra concepts introduced in Beginning Algebra. Topics of study include 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.

COMPUTER PROGRAMMING 1

SEMESTER

An introductory course in program engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce basic coding concepts and problem-solving skills.

MATHEMATICAL DECISION MAKING

YEAR

Prerequisite: Secondary Math II

The course includes mathematical decision making in finance, modeling, probability and statistics, and making choices. Students will make sense of authentic problems and persevere in solving them. They will reason abstractly and quantitatively while communicating mathematics to others. Students will use appropriate tools, including technology, to model mathematics. Students will use structure and regularity of reasoning to describe mathematical situations and solve problems.

UVU MATH 1010 CE

SEMESTER

Prerequisite: Secondary Math II and III with a C average, OR ACT Mathematics score of 19+, OR appropriate test scores

This is a UVU Concurrent Enrollment class (MAT 1010). This is a semester class that is combined with UVU Math 1050. Expands and covers in more depth basic algebra concepts introduced in Beginning Algebra. Topics of study include 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.

UVU MATH 1050 CE

SEMESTER

Prerequisite: C or above in College Math 1010, OR ACT Mathematics score of 24+, OR appropriate test scores

This is a UVU Concurrent Enrollment class (MAT 1050). This is a semester class that is combined with UVU Math 1010. This is college algebra which is required for generals at most universities and colleges. 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.

AP CALCULUS AB
YEAR

Prerequisite: Secondary Math III or Secondary Math III Honors

AP Calculus AB covers the topics generally found in a first semester college calculus course. Topics include limits, derivatives and their applications, integrals and their applications, as well as the calculus of trigonometric, logarithmic, and exponential functions. A heavy emphasis is placed on preparing students to take the advanced placement test in mathematics. **AP Test is available for college credit.**

AP CALCULUS BC
YEAR (2 PERIODS)

Prerequisite: Secondary Math III or Secondary Math III Honors

AP Calculus BC covers the topics generally found in a full year college curriculum calculus course. In addition to the topics of limits, derivatives and their applications, and integrals and their applications, students will study the calculus of vectors, parametric and polar curves. A heavy emphasis is placed on preparing students to take the advanced placement test in mathematics. **AP Test is available for college credit.**

AP STATISTICS
YEAR

Prerequisite: Secondary Math III or Secondary Math III Honors

AP Statistics is an advanced placement course where students will learn how to collect, organize, summarize, and analyze data to gain insights into patterns and trends and to make predictions of future behavior. Probability, counting theory, simulations and mathematical modeling will be studied. Technology will be used to create simulations and analyze data. **AP Test for college credit is available.**

SOCIAL STUDIES

Required: 3.0

0.5 CREDIT – WORLD CIVILIZATIONS

WORLD HISTORY
YEAR

World History addresses events and issues in world history from the earliest evidence of human existence to modern times. Whenever possible, students will be expected to make connections between historically significant events and current issues. These connections are intended to add personal relevance and deepen students' understanding of the world today. Topics include, but are not limited to, the Neolithic Revolution, the dawn of civilization, the development of world religions, patterns in world trade, contributions of classical civilizations, the diffusion of technology, colonization and imperialism, global conflict, modern revolutions and independence movements, and current trends in globalization.

AP MODERN WORLD HISTORY
YEAR

We will study human history from 1200 A.D. until yesterday on every continent except Antarctica. When we are done, you will know much more about what has happened on this planet and understand better how things got to be the way they are. This is a college-level course that moves through centuries and across continents quickly, so you have to be willing to think and work hard. If you do your part, though, you will feel much more at home in the world you live in. **AP Test is available for college credit.**

1.0 CREDIT – U.S. HISTORY

U.S. HISTORY
YEAR

This course surveys the history of the United States, through the study of basic geographic, economic, social, political, and historical developments following reconstruction and the westward movement. Particular emphasis is placed on the Constitution, the American system of government, law-related/citizenship education. Students will identify ways to solve problems, make decisions, and participate as a responsible citizen of the United States, while developing basic tools of historical interpretation, research, and analysis.

AP UNITED STATES HISTORY CE
YEAR

This is a UVU Concurrent Enrollment class (HIST 1700). This course will give you complex knowledge of what has happened in this country from the arrival of Paleo-Indians to about the time you were born. You will learn most of the big stories: the people, events, ideas, and developments that have made us what we are today. It is a college-level course, so you have to be interested in ideas and devote some time to it outside of class. If you do your part, though, you will not only understand the history of the

United States better, but you will also develop more advanced academic skills that will prepare you for college and beyond. This course fulfills the high school U.S. History requirement and also offers college credit through concurrent enrollment or the AP test at the end of the year. **AP Test is available for college credit.**

0.5 CREDIT – U.S. GOVERNMENT & CITIZENSHIP

GOVERNMENT & CITIZENSHIP

SEMESTER

This course covers the Utah State approved Government & Citizenship core curriculum.

GOVERNMENT & CITIZENSHIP CE

SEMESTER

This is a **UVU Concurrent Enrollment class (POLS1100)**. This course covers the Utah State approved Government & Citizenship core curriculum.

AP GOVERNMENT & POLITICS

YEAR

As you become a voting citizen, this class will teach you how our national government was created, how it is supposed to work, and some of how it actually works. Later in the year we will also study how the governments of six other countries function, so that when you find yourself saying, "The United States is the best/worst/most/least ..." you will have some idea what you are talking about. In addition to fulfilling the high school U.S. Government & Citizenship requirement, this course will prepare you to pass the AP United States Government and AP Comparative Government tests. **AP Test is available for college credit.**

0.5 CREDIT – SOCIAL STUDIES ELECTIVE

CURRENT ISSUES

SEMESTER

We will be looking at certain issues that impact the world around us. How are current political, social, and cultural issues impacted by events of the past? We will be discussing these themes and looking at potential solutions to create a more open minded society. Come and be ready to bring your thoughts and ideas!

ECONOMICS CE

SEMESTER

This is a **UVU Concurrent Enrollment class (ECON 1010)**. This course focuses on the study of economic problems and the methods by which societies solve them. Characteristics of the market economy of the United States and its function in the world and methods of applying economics to one's life will be explored.

PSYCHOLOGY

SEMESTER

This course introduces the student to the study of human behavior and cognitive processes. The course of study includes the topics of history, sensation and perception, consciousness, learning, development, personality and abnormal psychology.

AP PSYCHOLOGY

YEAR

This course is taught at a college pace for students interested in continuing their formal education after high school. Passing the Advanced Placement test gives students college credit in most cases. This course will cover all of the topics applicable to a first year college psychology course and topics deemed important by the AP board. AP Test is available for college credit.

SOCIOLOGY

SEMESTER

This course introduces the student to the principles of sociology. Students will study society, one's roles in it, issues and problems, social changes, and social movements.

THE ARTS

Required: 1.5

VISUAL ART

CERAMICS 1

SEMESTER

Fee required

In this introductory ceramics class, students will develop basic skills in the creation of sculpture and pottery from clays. With emphasis on studio production, this course is designed to develop higher-level thinking and problem solving skills. Students will learn preparations of clay bodies, glazing techniques, proper use of tools and equipment, firing, and hand building construction methods.

CERAMICS 2

SEMESTER

Fee required

Prerequisite: Ceramics 1

The student receives advanced instruction in ceramics and designing in ceramic clays. Preparations of clay bodies, use of tools and equipment, firing and construction methods, and an introduction to wheel throwing are included.

JEWELRY 1

SEMESTER

Fee required

This course is for the student who will design projects constructed from wood, stone, and metals to make jewelry and sculpture.

JEWELRY 2

SEMESTER

Fee required

Prerequisite: Jewelry 1

This advanced jewelry course is designed to help students continue the exploration of jewelry production on an individualized basis.

COMMERCIAL ART

SEMESTER

Fee required

An introductory course in the applied visual arts that prepares students to use principles and elements of design with digital and traditional techniques to communicate ideas and information to business and consumer audiences. Instruction may include, but is not limited to, corporate identity, logo and packaging design. This course fulfills CTE or Art credit.

DIGITAL PHOTOGRAPHY 1

SEMESTER

This is a semester-long CTE course where students receive an introduction to digital photography and Adobe Photoshop, including basic composition and editing techniques as well as how to use a DSLR camera. It will also provide an introduction to various careers related to commercial photography.

ADVANCED DIGITAL PHOTOGRAPHY

SEMESTER

This is a semester-long CTE course where students build off of their Photo 1 skills to explore more complex photographic techniques such as studio lighting and using Adobe Lightroom. Students use these advanced skills to create their own photographic portfolios.

ADVANCED COMMERCIAL PHOTO (YEARBOOK)

YEAR

Prerequisite: Teacher Approval

This is a year-long CTE Commercial Photography 2 course where students work as a team to develop the design of the yearbook, document school-events through photography and journalistic writing, and market the book to the student body. It is a course that requires a time-commitment outside of class, the ability to take constructive criticism, and a dedication to deadlines. By the end of the school year, the yearbook staff is able to create a unique product that they and their peers will enjoy for decades to come.

ART HONORS

YEAR

Fee required

This accelerated course is designed for 10th and 11th grade students who wish to take AP Art the following year. This is an year-long intermediate visual art course designed to provide an overview of Art Foundations and give a deeper understanding of art through studying a variety of artists, artmaking tools and materials. We will be exploring higher-level thinking, art-related technology skills, art criticism, art history, and aesthetics. Students will work in a variety of media including water color, acrylic, graphite, collage, Ink and mixed media. As part of this course we will take a special interest in contemporary art.

ART AP DESIGN PORTFOLIO

YEAR

Fee required

This College level Visual Art Course is designed to help students prepare to take the AP 2D design Test. Students are expected to maintain a strong work ethic both in and out of the classroom as to strive to create a body of 15 artworks exploring a theme of

their choice. Students will learn how to reflect and write about their own artistic process, while developing highly developed 2D/Drawing skills. At the end of the course students will have a professional art portfolio.

AP Test available for college credit.

ART AP DRAWING PORTFOLIO

YEAR

Fee required

This College level Visual Art Course is designed to help students prepare to take the AP Drawing Test. Students are expected to maintain a strong work ethic both in and out of the classroom as to strive to create a body of 15 artworks exploring a theme of their choice. Students will learn how to reflect and write about their own artistic process, while developing highly developed 2D/Drawing skills. At the end of the course students will have a professional art portfolio.

AP Test available for college credit.

PRINTMAKING

SEMESTER

Fee required

This intermediate course is designed for experienced art students who want to explore Printmaking in a variety of forms. Printmaking techniques explored in the class include but are not limited to the following: Relief printing, mono printing, and Screenprinting. Students will design screen print designs for both paper and fabric (t-shirts). Due to the accelerated nature of the class it is strongly recommended that students have taken an art foundations or Commercial art class prior to taking this course.

DANCE

BALLROOM

SEMESTER

Fee required

This coed dance class teaches various forms of American style social dancing. All of the social dances taught are designed to give students dance experience that they can share and enjoy on any social dance occasion. Emphasis is placed in the fox-trot, cha-cha, waltz, and triple swing.

BALLROOM TEAM

YEAR

Fee required

Prerequisite: Audition

This class studies technique and choreography and works on performance. Many types of styles are included in routines that are learned in class. Students must have approved dance shoes.

DANCE 1

SEMESTER

Fee required

In this introduction to dance, beginning dance technique choreography, improvisation, and expression will be taught. Different dance styles will be explored, with emphasis being placed on the basic elements that make up contemporary dance.

URBAN DANCE

SEMESTER

Fee required

In this introduction to hip hop dance, history and culture, beginning dance technique, choreography, improvisation, and expression will be taught. Different dance styles will be explored, with emphasis being placed on breaking, locking, popping, new jack and house dance.

DANCE 2

SEMESTER

Fee required

Prerequisite: Dance 1

This class is a continuation of Dance 1. Intermediate dance techniques and movements, choreography, improvisation, and expression will be taught, different dance styles will be explored with emphasis on the elements of contemporary dance.

DANCE 3 CE

YEAR

Fee required

Prerequisite: Audition

This is a UVU Concurrent Enrollment class (DANCE 141R). An intermediate-advanced dance class focusing in depth on basic principles of modern dance technique, improvisation, expression, and choreography. This course is designed to improve the students' strength, flexibility, performance, stamina, and overall dance skills.

DANCE COMPANY

YEAR

Fee required

Prerequisite: Audition

The Dance Company course is a contemporary dance company, which focuses on the elements of dance in strong technique, choreography, improvisation, and performance. It explores a variety of dance genres including Modern, Contemporary, Jazz, Ballet, Hip Hop, and more. While students have opportunities to perform at assemblies, athletic events, and other commercial venues, this course emphasizes dance as an art form through performances at concerts and other artistic settings.

DRAMA

DRAMA PRINCIPLES

YEAR

Fee required

This foundational acting class surveys theater history including Greek drama and Shakespeare, mask work, voice and diction, modern theater performance skills, resume and audition preparation, scene work, and beginning film acting. It introduces students

to the theater department and program at MVHS where much of the focus will be on the concepts of vulnerability and collaboration. The class culminates in a student made film reel. Students are expected to participate in or attend the school play each term.

ADVANCED DRAMA COMPANY

YEAR

Fee required

Prerequisite: Drama Foundations or equiv.

This advanced acting company puts student learning into practice, and is the elite touring company of MVHS drama. Students attend the Shakespeare competition in Cedar City as well as region and state drama. Seniors direct one act plays. The curriculum covers advanced acting styles, movement and mask work, acting theory including Stanislavsky, Strasberg’s Method, Meisner, Laban, Grotowski, and IPA. Much of the focus of this class will be ensuring each student’s vulnerability, values, commitment, and their ability to take bold action as an artist.

MUSICAL THEATER PRODUCTIONS

SEMESTER

Fee required

Prerequisite: Audition

This course is designed to engage the performing arts student with the process of auditioning and performing in a live musical theater experience, with a school musical as a major component of the curriculum. Students work individually, as well as in groups, with staging, choreography, and vocal performance. Students practice character work, collaboration, movement, singing, memorization, acting techniques, and all aspects of putting together a performance for the public. This includes student designed lighting, sound, costumes, PR, posters, and programs. Attendance at after school dress rehearsals and performances are required.

THEATER PRODUCTIONS

SEMESTER

Fee required

Prerequisite: Audition

This course is designed to engage the performing arts student with the process of auditioning and performing in a live theater experience, with a play performance as a major component of the curriculum. Students work on character development, blocking, memorization, and all aspects of putting together a performance for the public. This includes student designed lighting, sound, costumes, PR, posters, and programs. Attendance at after school dress rehearsals and performances are required.

BEGINNING STAGE CRAFT

YEAR

Fee required

This is a beginning class for incoming technical students at MVHS. Students will study theater set design, lighting, sound, costumes, props, make-up, stage-management, and technical design specifically for the MVHS Auditorium and Little Theater. Students will be involved in all areas of technical theater. This class requires considerable evening and out-of-school time during rehearsals and performances. Students are encouraged to take this class a second or third time.

ADVANCED STAGE CREW

YEAR

Fee required

Prerequisite: Beginning Stage Craft and Teacher Approval

Advanced students operate lighting, sound, and fly equipment in the MVHS Auditorium and Little Theater and act as crew chiefs to beginning students. This class concentrates on the operation and design for productions. They will take the lead on light and sound for a variety of school activities and community rentals. Students will also continue to study leadership skills and stage management acting as mentors. Considerable evening, weekend, and out-of-class time is required. (Teacher approval required.)

MUSIC

AP MUSIC THEORY CE

YEAR

This is a UVU Concurrent Enrollment class (MUSC 1100). This course is for the prospective college music student and those whose background and interest in music has prepared them for further study in music theory and music history. The class will be designed to prepare the student to take the approved AP music tests in music theory and music history while also qualifying students for general education CE credit. **AP Test for college credit is available**

CHORUS SATB – CONCERT CHOIR

SEMESTER

Fee required

No audition required

Concert Choir serves as the stomping ground for a wide variety of students. Many students choose this class due to singing interest yet lack of experience, or to satisfy a fine art credit. Others choose this class due to schedules conflicting with other choir classes. Basic musical skills are taught, such as notational literacy, healthy vocal production, and listening skills. Concert Choir performs at all MVHS choir concerts. At the semester change, students are encouraged to either audition for another choir, or switch into Music Tech, a creation-based music class. **No Audition required.**

MUSIC COMPOSITION TECHNOLOGY

SEMESTER

No audition required.

This class allows students to compose and create music through computer software. Students use GarageBand, and midi controllers to learn composition technique. No prior music experience necessary.

A CAPPELLA SA – CON BRIO

YEAR

Fee required

Prerequisite: Audition

The name means “with joy,” “with light” or “with life”, which embodies the personality traits of successful participants. Con Brio is the advanced women’s chorus at MVHS. Members are expected to fund and participate in the annual spring choir tour. Multiple performance opportunities. Full year commitment expected.

CHORUS TB – MEN’S CHOIR

YEAR

Fee required

Prerequisite: Audition

Men’s Choir is the entry level auditioned choir for changing and changed male voices at MVHS. Specific attention is given to male register negotiation and vocal development. Full year commitment expected.

A CAPPELLA CHOIR

YEAR

Fee required

Prerequisite: Audition

This is the largest choir at MVHS and usually contains around 100 vocal athletes. The sheer size of A Cappella allows the opportunity to explore challenging and ambitious repertoire at a very high performance level. Members are expected to fund and participate in the annual spring choir tour. Full year commitment expected.

CHAMBER CHOIR

YEAR

Fee required

Prerequisite: Audition

As the most advanced vocal ensemble at MVHS, Chamber Choir consists of 32 dedicated musicians who embrace the difficulty and satisfaction of a rigorous rehearsal and performance schedule. As an enrichment ensemble, students are expected to be enrolled in another advanced level music class (A Cappella, Wind Symphony, AP Music Theory) simultaneously. Members are expected to fund and participate in the annual spring choir tour. Full year commitment expected.

BEGINNING PERCUSSION

SEMESTER

Fee required

Beginning Percussion emphasizes the learning of basic percussion skills for students with little or no previous music experience. Students will also learn the fundamentals of music reading and ensemble playing. ***Instrument rentals are only if needed and available.**

PERCUSSION - INTERMEDIATE AND ADVANCED

YEAR

Fee required

Prerequisite: Musical instrument experience

The percussion class emphasizes the learning of all percussion skills from intermediate to advanced levels. Students also participate with the Wind Symphony and Symphonic Band at concert performances and festivals. Emphasis is given to concert music preparation, percussion ensembles and individual advancement. ***Instrument rentals are only if needed and available.**

SYMPHONIC BAND

YEAR

Fee required

Prerequisite: Jr. High School Band

This is an intermediate level instrumental ensemble directed toward building music performance skill. Students give concert and festival performances and participate as members of the pep band as well as other ensembles. 10-12 performances each year. ***Instrument rentals are only if needed and available.**

WIND SYMPHONY

YEAR

Fee required

Prerequisite: Audition

This is an advanced instrumental ensemble directed toward performing the finest in contemporary, traditional and classic band literature. All students must audition for this band. Auditions are held at the end of the school year for the next year’s group. Placement in the band is based on individual ability and the instrumentation needs of the ensemble. This group represents the school at district and state festivals. Overnight and out-of-state performance tours also take place each year. ***Instrument rentals are only if needed and available.**

PHILHARMONIC ORCHESTRA

YEAR

Fee required

Prerequisite: Jr. High School Orchestra

Philharmonic Orchestra students work toward mastery of a variety of articulations, bowings, positions, required scales, and arpeggios. They perform, discuss, and critically evaluate characteristics of a variety of musical compositions. Students participate in school-wide, Region, State events, and ensemble tours.

CHAMBER ORCHESTRA

YEAR

Fee required

Prerequisite: Audition

Chamber Orchestra students demonstrate exceptional skill level and are able to perform, discuss, analyze, and critically evaluate characteristics of more elaborate music compositions from a variety of styles, cultures, and historical periods. Students participate in school-wide, Region, State events, and ensemble tours.

JAZZ BAND

YEAR

Fee required

Prerequisite: Audition

This is an advanced instrumental ensemble directed toward learning and performing big band, jazz, swing, and rock styles of music. *Instrument rentals are only if needed and available.

HEALTH & PHYSICAL EDUCATION

Required: 2.0

0.5 CREDIT – HEALTH

HEALTH

SEMESTER

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.

0.5 CREDIT – PARTICIPATION SKILLS

LIFETIME ACTIVITIES II

SEMESTER

Fee required

This class is offered as a co-ed elective class. It is designed to teach students how to participate in individual lifetime activities by which they can stay active for life. The instruction includes knowledge, safety skills, and strategies of the following lifetime activities: pickleball, tennis, volleyball, badminton, bowling, golf, weight training, and bouldering. Most units are taught for two weeks or 5 class periods. The cost of the class pays for transportation and the activity when we leave campus. Lifetime activities can count as Participation Skills.

0.5 CREDIT – FITNESS FOR LIFE

FITNESS FOR LIFE

SEMESTER

Fee required

Course Objectives: 1) Acquire knowledge about the benefits of physical activity to health and wellness. 2) Become physically active while pursuing goals to become physically fit. 3) Acquire and use self-management skills to promote lifelong physical activity. Students are required to dress out appropriately as outlined in the course disclosure document. Separate classes for men and women available.

0.5 CREDIT – PE ELECTIVE

LIFETIME ACTIVITIES II

SEMESTER

Fee required

This class is offered as a co-ed elective class. It is designed to teach students how to participate in individual lifetime activities by which they can stay active for life. The instruction includes knowledge, safety skills, and strategies of the following lifetime activities: pickleball, tennis, volleyball, badminton, bowling, golf, weight training, and bouldering. Most units are taught for two weeks or 5 class periods. The cost of the class pays for transportation and the activity when we leave campus. Lifetime activities can count as Participation Skills.

WEIGHT TRAINING

SEMESTER

Fee required

This class is designed for students to tone, shape, and strengthen. Class is individually oriented. Separate classes for men and women available.

WEIGHT TRAINING ADVANCED

SEMESTER

Fee required

This class is an advanced weight training class. The class is designed to help athletes improve their strength, power, speed and prevent injuries. Period A2 for female, and B6 for male.

YOGA

SEMESTER

Experience different forms of yoga, and develop increased flexibility, muscular strength, endurance, and breath control, while also focusing on mindfulness and stress-reduction skills. A great choice for athletes, dancers, and absolutely anyone who wants to live in their body better!

BALLROOM

SEMESTER

Fee required

This coed dance class teaches various forms of American style social dancing. All of the social dances taught are designed to give students dance experience that they can share and enjoy on any social dance occasion. Emphasis is placed in the fox-trot, cha-cha, waltz, and triple swing.

BALLROOM TEAM

YEAR

Fee required

Prerequisite: Audition

This class studies technique and choreography and works on performance. Many types of styles are included in routines that are learned in class. Students must have approved dance shoes.

DANCE 1

SEMESTER

Fee required

In this introduction to dance, beginning dance technique choreography, improvisation, and expression will be taught. Different dance styles will be explored, with emphasis being placed on the basic elements that make up contemporary dance.

URBAN DANCE

SEMESTER

Fee required

In this introduction to hip hop dance, history and culture, beginning dance technique, choreography, improvisation, and expression will be taught. Different dance styles will be explored, with emphasis being placed on breaking, locking, popping, new jack and house dance.

DANCE 2

SEMESTER

Fee required

Prerequisite: Dance 1

This class is a continuation of Dance 1. Intermediate dance techniques and movements, choreography, improvisation, and expression will be taught and different dance styles will be explored with emphasis being placed on the elements of contemporary dance.

DANCE 3 CE

YEAR

Fee required

Prerequisite: Audition.

This is a UVU Concurrent Enrollment class (DANCE 141R). An intermediate-advanced dance class focusing in depth on basic principles of technique, improvisation, expression, and choreography. This course is designed to improve the students' strength, flexibility, performance, stamina, and overall dance ability.

DANCE COMPANY

YEAR

Fee required

Prerequisite: Audition

The Dance Company course is a contemporary dance company, which focuses on the elements of dance in strong technique, choreography, improvisation, and performance. It explores a variety of dance genres including Modern, Contemporary, Jazz, Ballet, Hip Hop, and more. While students have opportunities to perform at assemblies, athletic events, and other commercial venues, this course emphasizes dance as an art form through performances at concerts and other artistic settings.

LA-COMP FOOTBALL

SEMESTER

Grades 10, 11

This is the semester 2 class for all hopeful football players of the next season.

TEAM SPORTS/PE ELECTIVE

Fee required

Prerequisite: Teacher Approval

BASEBALL TEAM (BOYS)

SEMESTER

This is a 2nd semester class for members of the baseball team. Students will strengthen & condition before the season starts and then do fieldwork as the season begins. Baseball players should enroll in B6 Adv. Weight Training semester 1.

BASKETBALL (BOYS)

YEAR

This is an athletic class for members of the boys basketball team. Students strengthen & condition during the preseason then do basketball specific activities as the season begins.

BASKETBALL (GIRLS)

YEAR

This is an athletic class for members of the girls basketball team. Students strengthen & condition during the preseason then do basketball specific activities as the season begins.

CHEERLEADING**YEAR**

This class is for members of the cheerleading team.

CROSS COUNTRY**SEMESTER**

This is a 1st semester class for members of the cross country team.

FOOTBALL**SEMESTER**

This is a 1st semester class for members of the football team. Students primarily strengthen & condition, but also learn football plays and analyze film.

GOLF (BOYS)**SEMESTER**

This is a 1st semester class for members of the boys golf team. Athletes should enroll in B6 Adv. Weight Training 2nd semester.

GOLF (GIRLS)**SEMESTER**

This is a class for hopeful members of the girls golf team during term 3, and during term 4 only students who have made the golf team. Athletes should enroll in A2 Adv. Weight Training if possible 1st semester.

SOFTBALL (GIRLS)**SEMESTER**

This is a 2nd semester class for members of the softball team. Students will strengthen & condition before the season starts and then do fieldwork as the season begins. Athletes should enroll in A2 Adv. Weight Training 1st semester.

SOPHOMORE FOOTBALL (BOYS)**SEMESTER**

This is 1st semester class for members of the football team. Students primarily strengthen & condition, but also learn football plays and analyze film.

SWIM TEAM**YEAR**

This is a class for members of the swim team. Swim team practices occur during this class. Students do pool and dryland training.

TENNIS (BOYS & GIRLS)**SEMESTER**

This is a class that is offered first semester for girls and second semester for boys. This class is for students who are hoping to be on the MVHS tennis team.

TRACK & FIELD**SEMESTER**

This is a class for distance runners & sprinters who compete in track & field. Sprinters & throwers should enroll in 1st semester B6 Adv. Weight Training for boys, or A2 Adv. Weight Training for girls.

VOLLEYBALL (GIRLS)**YEAR**

This class is offered year-round to current/future players and managers of the Mountain View Volleyball team. Please contact Coach Neeley before enrolling in the class (dneeley@alpinedistrict.org)

WRESTLING (BOYS)**YEAR**

All members of the wrestling team should join this class. Students strength & condition, do skill work on the mat, and analyze film.

WRESTLING (GIRLS)**YEAR**

All members of the wrestling team should join this class. Students strength & condition, do skill work on the mat, and analyze film.

Boys Soccer & Lacrosse available after school for elective credit; taught by non-PE teachers. Athletes should enroll in Adv. Weight Training classes year-round to prepare for their sports that don't have specific athletic classes.

CAREER TECHNOLOGY EDUCATION

Required: 1.0

ART

COMMERCIAL ART

SEMESTER

Fee required

A program in the applied visual arts that prepares students to use artistic techniques to effectively communicate ideas and information to business and consumer audiences via the creation of effective forms, shapes, and packaging for manufactured products. Instruction may include design projects in a variety of traditional and digital media, and prototype construction.

DIGITAL PHOTOGRAPHY 1

SEMESTER

This is a semester-long CTE course where students receive an introduction to digital photography and Adobe Photoshop, including basic composition and editing techniques as well as how to use a DSLR camera. It will also provide an introduction to various careers related to commercial photography.

ADVANCED DIGITAL PHOTOGRAPHY 2

SEMESTER

This is a semester-long CTE course where students build off of their Photo 1 skills to explore more complex photographic techniques such as studio lighting and using Adobe Lightroom. Students use these advanced skills to create their own photographic portfolios.

ADVANCED COMMERCIAL PHOTO (YEARBOOK)

YEAR

Prerequisite: Teacher Approval.

This is a year-long CTE Commercial Photography 2 course where students work as a team to develop the design of the yearbook, document school-events through photography and journalistic writing, and market the book to the student body. It is a course that requires a time-commitment outside of class, the ability to take constructive criticism, and a dedication to deadlines. By the end of the school year, the yearbook staff is able to create a unique product that they and their peers will enjoy for decades to come.

BUSINESS

ACCOUNTING 1

SEMESTER

This course lays a good foundation for anyone wanting to understand how money works in a company you work for or one you start on your own. Students will learn concepts of double-entry accounting systems. Skills will include understanding the accounting cycle; entering transactions in journals; posting to ledgers; compiling end-of-period worksheets; adjusting and closing entries, statements, and reports; completing banking activities and payroll systems; and writing and communication examples. Don't be overwhelmed! We'll take it one step at a time and apply it in a fun way!

ACCOUNTING 2

SEMESTER

Prerequisite: Accounting 1

This course must be taken subsequent to Accounting 1. This course provides understanding on how money works for whatever position you have in a job. It also helps prepare those that want to be an entrepreneur and have the knowledge to understand what your account is doing. Students will continue applying concepts of double-entry accounting systems related to a merchandising business. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating and recording adjusting entries, and interpreting financial information (USBE). We'll make this applicable to whatever business avenue you want to pursue.

BUSINESS COMMUNICATIONS 1

SEMESTER

Do you want to be successful in your personal life? Do you want to land your dream job? If so, this course is for you. As an additional plus, this course counts as Senior English Credit. This class should be taken back to back during Semesters 1 and 2. This course offers a wide range of curriculum that enforces necessary life skills with an exciting and beneficial hands-on curriculum.

BUSINESS COMMUNICATIONS 2

SEMESTER

This course is a continuation of Business Communications 1. See course description above under Business Communications 1.

BUSINESS MANAGEMENT CE

SEMESTER

This is a UVU Concurrent Enrollment class (MGMT 1010). This is an introductory course that will teach theories and practices of management in business. Analysis, problem-solving and decision-making tools and activities will be emphasized and practiced through group and individual work. Students will develop effective communication skills in numerous types of situations using a

variety of media. Work ethics and social responsibilities will also be emphasized. Management functions of planning, organizing, directing, evaluating, and motivating will be introduced.

BUSINESS OFFICE SPECIALIST CE

SEMESTER

This is a UVU Concurrent Enrollment class (IM 1010). This course applies advanced concepts and principles using Microsoft Office 2019 Word, Excel, and PowerPoint from a business perspective. Covers intermediate level problem solving and production skills. Uses business applications in case study settings to solve problems and accomplish tasks. Students may have the opportunity to obtain a Microsoft Office Specialist industry certificate.

COMPUTER SCIENCE PRINCIPLES CE

SEMESTER

This is a UVU Concurrent Enrollment class (CS 1030) Introduces the basics of computing, including computer hardware, and programming concepts and language. Explores how computers work and how a computer may be programmed. Includes a brief history of computers, programming languages, and computer numbering systems. Presents basic programming constructs; students produce a variety of introductory level programs. Surveys various computing professions (UVU).

ECONOMICS CE

SEMESTER

This is a UVU Concurrent Enrollment class (ECON 1010). An introductory course which studies the operation of a mixed market system, including production, domestic and global trade, and labor-management economics. Includes business cycles and monetary and fiscal policies designed to modify those cycles (UVU).

ENTREPRENEURSHIP

SEMESTER

Do you like to make money? This course is designed to allow students to explore their personal entrepreneurial potential and the risks and rewards of business opportunities. Students will gain an understanding of the nature of small business as they develop a business plan, and learn the skills to open their own business.

EVENT PLANNING

SEMESTER

Do you like to party? The event planning and Management course is designed for students interested in learning about this multi-billion dollar industry. Students are introduced to many facets of event planning including: site selection, budgeting, promotion, and catering. Students will organize, plan, and evaluate various meetings and events. Examples include, but not limited to, conferences, sporting events, weddings, and workshops.

HOSPITALITY AND TOURISM

SEMESTER

Do you like to vacation? The Hospitality and Tourism course provides students with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground transportation, cruising, hotel and lodging, restaurants, and tours. Students will create a variety of vacation packages.

INFLUENCER AND CONTENT MARKETING

SEMESTER

Are you the next Kardashian? No? Me neither. That's okay though, you can still learn how companies use influencers and content to market and sell their products. The focus of the Influencer and Content Marketing class is for students to gain an understanding of the skills, aptitudes, and thought processes necessary to create a successful marketing campaign using the principles of influencer and content marketing. Through analyzing content, targeting a specific audience in social media, learning user-friendly design and video applications, creating and implementing effective content strategies, and examining the relationship between brands and influencer marketing.

RETAILING

SEMESTER

Would you like to work in the Bruin Store? Retailing will prepare the student to operate businesses that sell, rent, or lease goods and services. This course will provide insight into the theory and application of merchandise/service assortment, pricing, promotion mix, location, store layout, and customer service activities necessary for successful retail operations. Students in Retailing will have the opportunity to run the Bruin store.

SPORTS AND OUTDOOR RECREATION MARKETING

SEMESTER

Do you love Sports and/or the outdoors? Sports and Outdoor Recreation Marketing seeks to introduce students to the specialized marketing activities involved in recreation and sporting events. Students will explore concepts such as recreation and sporting events and competitions, sponsorship, merchandising, integrated marketing campaigns, promotional activities, and calendars.

TEACHING AS A PROFESSION 1

SEMESTER

Have you ever been in a class that you loved and thought, "What makes this teacher so awesome???" Do you think you could be the next Ms. Lant or the next Mr. Fong???? You might be the next Mrs. Cuadra or the next Coach Blevins. If you'd like to improve your public speaking skills, improve your ability to navigate through tough situations, think on your feet, write and illustrate children's literature, or just learn better communication skills to help people and help them understand new concepts and ideas, then come and join our Teaching as a Profession Class. We have a great time and you'll get to know the teachers in our school, why they chose to become a teacher and what they like about teaching. You don't have to want to be a teacher, but it's always a good opportunity to learn something new.

TEACHING AS A PROFESSION 2

SEMESTER

We'll get a little more hands-on with this class. We will observe your favorite teachers while they teach (with their permission, of course) and learn what makes them so great. We'll also work in an elementary classroom and help the students and teacher. Think "Walking Field Trip" with friends. This class is sure to be a favorite as we learn together about the importance of connection and service in everyday life. Continued learning similar to TAP 1, but you will compete at State with what you created during TAP 1 and then possibly go on to Nationals!! So exciting! We're still interested in having a good time, serving others, and helping others to understand new concepts and ideas.

TV BROADCASTING

SEMESTER

This is the MVTV course. This course is designed to provide students with the basic knowledge and skills related to the television production industry. Instruction includes hands-on assignments in the following areas: camera operation, recording audio, lighting systems, pre-production, production, post production, visual effects and graphics, and copyright laws.

VIDEO PRODUCTION

SEMESTER

This class focuses on film and video production including camera work and editing. There is an emphasis on the Utah High School Film Festival and Skills USA competitions for product and commercial development.

WEB DEVELOPMENT

SEMESTER

This course is a semester course of Web Page Design. Web Development is a course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the basic fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: XHTML coding, Cascading Style Sheets (CSS), and JavaScript. They learn and follow the steps to create a website by planning, designing, developing, deploying, and maintaining their website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in Web Development as they complete projects and create their own Web portfolio.

CTE INTERNSHIPS

SEMESTER

Prerequisite: Teacher Approval Required

CTE Internships enable students to take what they have learned in their CTE classes and apply the knowledge and skills through an internship experience in the workplace that is directly related to their personal College and Career Ready Plan. Students will have the opportunity to see how classroom instruction connects to the work of work and future career opportunities. Attendance and participation at a work site take the place of in-class instruction. Required: Students are required to attend the first two class periods on-campus at MVHS in preparation for going out to the job site. They must complete 20 hours per term for each class period (students can register for up to 2 class periods), complete a LinkedIn profile, and complete soft skills for the workplace assignments through Canvas. Prerequisites: the student must have taken or be enrolled in a CTE class in the pathway of their choice. Seniors are given preference, juniors by exception. Applications for the CTE Internship Program are available in the counseling center or online.

FAMILY & CONSUMER SCIENCE

BAKING AND PASTRY

SEMESTER

This course offers a chance for students to develop their cooking skills to a more advanced degree; This is the highest level of culinary classes available at Mountain View. Specifically, students will study equipment, safety, sanitation, baker's math, baking and pastry methods, yeast breads, pastry fillings, pastry finishes, pastry doughs, cakes, and cookies. Students will also learn about career opportunities in the baking and pastry field.

CHILD DEVELOPMENT

SEMESTER

This class is a prerequisite to taking any Early Childhood Education course (preschool teaching class). This course provides students with an understanding of the aspects of human growth and development across the lifespan. The content covers children's physical, mental, emotional, and social growth from the prenatal period through preschool age. Parenting skills are developed as the appropriate care, positive guidance techniques, and child-related issues are studied. Learning activities, observation techniques, and working with children are included. Students participate in preparing and presenting learning games and activities. Student leadership (FCCLA) may be an integral part of this course.

CULINARY 1

SEMESTER

Having replaced the old "Foods 2" course, this course offers a chance for students to develop their cooking skills to a more advanced degree. Specifically, students will study equipment, safety, sanitation, culinary math, cooking techniques, stocks, sauces, and breads. Students will also learn employment skills to prepare them to seek a career in this field.

CULINARY 2 CE

YEAR

This is a UVU Concurrent Enrollment class (CA 1000). This is an advanced course for already-experienced cooks. Students will study advanced culinary equipment, practice and perfect their knife skills, review safety and sanitation, learn food service history with trends, cooking techniques, explore seasonings and flavors, apply culinary math and other employment skills, learn the importance of good customer service, and skim the surface of bakery production. (Note: This class is taught every other year, opposite Culinary 3.)

CULINARY 3 CE

YEAR

Prerequisite: Culinary 1

This is a UVU Concurrent Enrollment class (CA 1000). This is an advanced course for already-experienced cooks. Students will study advanced culinary equipment, practice and perfect their knife skills, review safety and sanitation, apply culinary math, create menus and market them to peers, learn about the functions of ingredients like eggs, dairy, produce, and grains, apply sustainable food service, and skim the surface of bakery production. (Note: This class is taught every other year, opposite Culinary 2.)

EARLY CHILDHOOD EDUCATION 1, 2, & 3

YEAR

Prerequisite: Teacher Approval

This is the Preschool class. This course prepares individuals for careers in child care and early childhood education. Child care experiences include program planning and management, resource and facility management, supervising activities, preparing and implementing a large variety of learning experiences for children, application of individual teaching skills, and preparation for career opportunities. The primary focus of this class is hands-on experiences. Students will be the teachers of the preschool for children from the local community. Student leadership (FCCLA) may be an integral part of this course.

INTERIOR DESIGN 1

SEMESTER

This course allows students to use their creativity while applying the elements and principles of design in the exciting world of interiors. Students will work with floor plans, color schemes, texture, pattern, fabrics and home furnishings. Student leadership (FCCLA) may be an integral part of this course.

INTERIOR DESIGN 2

SEMESTER

This course provides students the opportunity to further develop skills when applying elements and principles of design to interiors. Projects are integrated throughout the course to provide applications of the following: architecture, furniture styles and constructions, design and function of space and lighting, and working with clients when designing.

HEALTH SCIENCE

EMERGENCY MEDICAL RESPONSE CE

SEMESTER

This is a UVU Concurrent Enrollment class (HLTH 1200). This semester course provides students with advanced emergency medical information and skills. The course introduces students to a variety of career options in emergency medicine. Students will be expected to rate their instructor during the last three weeks of the term, online, anonymously. Students will certify in emergency response CPR and First Aid through the American Red Cross.

EXERCISE SCIENCE/SPORTS MEDICINE CE

YEAR

This is a UVU Concurrent Enrollment class (PES 2400). This full-year course is designed to teach students the introductory components of exercise science and sports medicine, including basic anatomy and physiology; basic principles of injury prevention, recognition, evaluation, and management; taping; therapeutic modality application; sports nutrition; performance enhancement; sports psychology; and first aid. Health science careers associated with exercise science will be discussed and clinical experiences provided for students.

INTRO TO HEALTH SCIENCE

SEMESTER

This semester course is designed to create an awareness of career possibilities in therapeutic, diagnostic, information, and environmental health care, and inform students of the educational options available for health science and health technology programs. Instruction includes beginning anatomy and physiology, medical terminology, medical ethics, diseases, and disorders. The course prepares students for the medical anatomy and physiology course and/or for a variety of health technology programs.

MEDICAL ANATOMY & PHYSIOLOGY

YEAR

Taking this full-year course is a must for any student interested in understanding the human body and its functions. Instruction includes anatomy (the study of body parts) and physiology (functions of the body), some medical terminology, diseases and disorders, engaging labs, health careers, and some medical ethics. Students that plan to pursue a medical/health related career will need the foundational information that this course provides.

MEDICAL TERMINOLOGY CE

SEMESTER

This is a UVU Concurrent Enrollment class (HLTH 1300). Medical Terminology is a one-semester course that is designed to help students better understand the language used in medicine and health. Instruction includes medical term parts (roots, prefixes, and suffixes), abbreviations, symbols, anatomical terms, and terms associated with movement of the human body. Suturing techniques are also taught. This class is a must for anyone who plans to pursue a medical/health related career.

SCIENCE

AQUACULTURE

YEAR

Students will develop skills to produce & care for fish. Course topics include fish species, ecology, anatomy, physiology, water quality, aquaponics, commercial production, water body management & fishing techniques. Pools of trout, catfish and bluegill will be raised as part of the course.

BIOLOGY AGRICULTURAL SCIENCE

YEAR

This course is designed to meet the requirement for biological science credit. The standards and objectives for this course are the same as the standards and objectives for Biology, with the only difference being the degree of emphasis on agriculture. Students completing this course will be cognizant of current technologies, methods, and changes in agricultural science and are expected to know and apply the standards outlined in the core curriculum as they relate to the industry of agriculture.

BIOTECHNOLOGY CE

YEAR

This is a one-year long, UVU Concurrent Enrollment class (BTEC 1010). Biotechnology is a laboratory-based course designed to teach students the basic principles and techniques associated with the field of biotechnology. Students are introduced to the biology and chemistry of DNA, RNA, and proteins. This course provides a broad experience in contemporary biological laboratory techniques using state of the art tools and equipment, and students have an opportunity to design their own labs. Subjects of microbiology and molecular biology are the central part of the course. Students keep a legal laboratory notebook and use computers to analyze data obtained in the laboratory. There is emphasis on the central dogma of biology, DNA techniques, applications in biotech and bioethics, forensics, genetics, agricultural biotechnology, bioethics and biotech careers.

FLORICULTURE

SEMESTER

Students will develop knowledge and skills related to the floriculture industry. Floral design and management will be the primary units of study. Students will be prepared to create floral arrangements, grow floriculture crops, and manage commercial floriculture operations.

GREENHOUSE MANAGEMENT

SEMESTER

Students will produce commercial plant species in a controlled environment (the school greenhouse) and learn to manage commercial and experimental greenhouse operations.

TRADE & INDUSTRIAL EDUCATION

AUTO 1 – MAINTENANCE AND LIGHT REPAIR

SEMESTER

This is an introductory course that prepares individuals to engage in the servicing and maintenance of all types of automobiles. It includes instruction in general shop safety, basic systems and fluids, tires and wheels, engines, and basic brakes. Students will learn and use shop equipment and basic hand tools. This course provides a background in basic routine maintenance and prepares the student to take advanced automotive courses. Instructor is an A.S.E. Certified Master Auto Technician.

AUTO 2 – ASE CHASSIS MLR

SEMESTER

Prerequisite: Auto 1

This is a program with a sequence of courses that prepares individuals to engage in the servicing and maintenance of all types of automobiles. Instruction includes training in safety, the diagnosis of malfunctions and repair of engines, fuel, electricity/electronics, cooling, brake systems, drive trains, and suspension systems. Instruction is also given in the adjustment and repair of individual components and systems. These courses are based on the Automotive Service Excellence (ASE). Work ethics and productivity are an integral part of the classroom and lab activities of these courses.

AUTO 3 – ASE ENGINE PERFORMANCE

SEMESTER

Prerequisite: Auto 1 and a valid driver's license

This course includes occupational and technical information and laboratory experiences directly related to the automotive industry. Instructional activities involve shop safety, use of service publications and programs, with a specific concentration in the area of automotive engine performance. Studies electrical and fuel system fundamentals including theory, construction, and principles of operation. Covers batteries, lighting, starting, and charging. Includes all solid state electronic and ignition systems. Teaches tune-up including diagnosis and troubleshooting. Studies computerized ignition and fuel injection. This course prepares students for the NATEF and ASE Engine Performance exams.

COMPUTER PROGRAMMING 1

SEMESTER

An introductory course using the Python programming language. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce basic coding concepts and problem-solving skills.

ENGINEERING EXPLORATION

SEMESTER

Enjoy learning about all types of engineering at any level you would like. Join in on creating projects with the option of choosing your own. Some of these fields include: Civil, Computer, and Bioengineering. Explore these and other engineering careers to make your impact. Sprinkle in some basic math and applied physics to take it to the next level. Engineering Pathway option. Science Elective.

ENGINEERING PROFESSIONS (CE)

SEMESTER

This is a UVU Concurrent Enrollment class (ENGR 1000). Discover your own inner desire to create. There are so many amazing engineering professions to explore and products to create. We will do work with Mechanical, Chemical, Electrical, and Materials Science Engineering. Students will learn concepts and create projects that they may choose. Apply some basic math and science principles to make the class as fulfilling as you would like. Engineering Pathway. Science Elective.

GAME DEVELOPMENT

SEMESTER

Students will learn how to use the C# programming language. Designed to provide students with knowledge and project-based experience of fundamental gaming development concepts relating to STEM. These concepts include game design, scripting, creation of digital assets, graphic resources, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management (USBE).

LAW ENFORCEMENT

SEMESTER

A course that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness interviewing, and evidence collection and management. Basic crime prevention methods and other routine law enforcement responsibilities are also included.

ROBOTICS DISCOVERY

SEMESTER

Be a part of discovering robots. See how they will impact the world. Learn a little of how they work and the high paying jobs in robotic automation. Build simple robot kits and learn how to control them with simple drag/drop block coding. This is a lab-based, hands-on curriculum where you can learn the simple side and enjoy or dive into the complex parts of combining electrical, mechanical and engineering principles. Explore robot electronics: sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators.

ROBOTICS OPPORTUNITIES

SEMESTER

Learn of the many in demand opportunities for high paying work in Robotic Automation and other related fields. Explore all the types of education opportunities from more hands-on to theoretical application that combine electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices with computer programming. A study and application of electrical concepts with hands on kits.

WELDING

SEMESTER

This course is repeatable and adjusts according to your skill level. First-time students will learn basic skills in arc welding techniques to include shielded metal arc welding (stick welding), gas metal arc welding (MIG), gas tungsten arc welding (TIG), and flux cored arc welding (dual shield). Cutting techniques are also introduced as well as plasma arc cutting and carbon arc gouging. More advanced students will learn current welding processes used in industry, in addition to fabrication procedures such as blueprint reading, lay-out and pattern design, shop cleanliness, etc. This course will emphasize safety, proper care and use of equipment. Instruction will be based on the American Welding Society (AWS) task list.

DIGITAL STUDIES

Required: 0.5

BUSINESS OFFICE SPECIALIST CE

SEMESTER

This is a **UVU Concurrent Enrollment class (IM 2010)**. This course applies advanced concepts and principles using Microsoft Office 2019 Word, Excel, PowerPoint, and Access (databases) from a business perspective. Covers intermediate level problem solving and production skills. Uses business applications in case study settings to solve problems and accomplish tasks. Students may have the opportunity to obtain a Microsoft Office Specialist industry certificate.

COMPUTER PROGRAMMING

SEMESTER

An introductory course in program engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce basic coding concepts and problem-solving skills.

COMPUTER SCIENCE PRINCIPLES CE

SEMESTER

This is a **UVU Concurrent Enrollment class (CS 1030)**. Computer Science Principles seeks to broaden participation in computing and computer science. The course places emphasis on the principles of computer science (rather than just programming). Concepts include: computing as a creative activity, how data & information facilitate the creation of knowledge, and how algorithms are used to develop solutions to computational problems.

WEB DEVELOPMENT

SEMESTER

Web Development industry certification programs target individuals interested in demonstrating the baseline of technical knowledge that would allow them to pursue a variety of Internet-related careers. iNet+ is accepted by all other Internet certification programs as a fundamental (beginning) level certification, and is a good place to start. iNet+ is a vendor-neutral, entry-level Internet certification program that tests baseline technical knowledge of Internet, Intranet and Extranet technologies, independent of specific Internet-related career roles. Learning objectives and domains examined include Internet basics, Internet clients, development, networking, security and business concepts. CIW and WOW build upon the i-Net+ curriculum.

FINANCIAL LITERACY

Required: 0.5

FINANCIAL LITERACY

SEMESTER

The General Financial Literacy Core describes decision-making skills students should know and be able to apply as consumers, saver, investors, users of credit, money managers, citizens, and members of a global workforce and society. **This class is also offered UVU Concurrent Enrollment (FIN1060)**

GENERAL ELECTIVE

Required: 9.5

****Any credit earned in one of the previous areas can count as General Elective IF the credit requirement for that area has already been met. The courses listed below give General Elective credit ONLY.**

MUSIC INDEPENDENT STUDY

YEAR

Prerequisite: Teacher Approval

This course is designed to allow the advanced music student further opportunity for in-depth musical study. The student will work independently on a topic agreed upon by the student and instructor. Topics may include areas of music theory, composition, music history, music repertoire, etc. This course is designed for those students who have extensive musical backgrounds.

LATINOS IN ACTION

YEAR

Prerequisite: Teacher Approval

This course focuses on the qualities of leadership and then works to develop these qualities in the lives of students. This course includes developmental skills in the areas of relationships, communications, human development, decision making, and interpersonal skills. Students will participate in service projects and activities.

PEOPLE OF THE PACIFIC

YEAR

This course focuses on the qualities of leadership and then works to develop these qualities in the lives of students. This course includes developmental skills in the areas of relationships, communications, human development, decision making, and interpersonal skills. Students will participate in service projects and activities.

PEER TUTOR

SEMESTER

Peer tutors have the opportunity to work with and develop relationships with students with disabilities. Peer tutors will have the occasion to help their peers learn and practice important academic and life skills. They will also model acceptable social skills and increase their development physically, emotionally, and intellectually. Peer tutors should leave the class with a better understanding of themselves, human relationships, diversity, and the worth of all individuals.

STUDY SKILLS

SEMESTER

This course provides students with ways to increase learning in other classes. Subjects covered include efficient use of textbooks, reading strategies, and homework tips.

DRIVER EDUCATION

Fee: \$105.00

Prerequisite: Learner's Permit

This course is designed to fulfill the state requirements for a driver license under the present Utah State law. Each student must complete a minimum of 30 hours of classroom instruction, six hours behind the wheel at the high school driving range, and at least three hours on-the-road training. It is preferable to take the class the quarter before turning 16. ***It is mandatory to get a Learner's Permit (from the Driver License Division) before taking the class.***

AMERICAN SIGN LANGUAGE 1

YEAR

This class provides students with instruction in American Sign Language (ASL) or other deaf languages, finger spelling, orientation to deaf culture, and interpreting from signing to voice and from voice to signing.

AMERICAN SIGN LANGUAGE 2

YEAR

Prerequisite: ASL 1

Continued study in American Sign Language with emphasis in becoming proficient in interpretation for the hearing impaired.

ELD 1

YEAR

Prerequisite: Teacher Approval

This course is for students who are level 1 English language learners.

ELD 2

YEAR

Prerequisite: Teacher Approval

This course is for students who are level 2 English language learners.

ELD 3

YEAR

Prerequisite: Teacher Approval

This course is for students who are level 3.0-3.4 English language learners.

ELD 4

YEAR

Prerequisite: Teacher Approval

This course is for students who are level 4.0-4.9 English language learners.

FRENCH 1

YEAR

Start your journey toward the Utah Seal of Biliteracy on your High School Diploma! In our Level 1 French class, we develop the essential communication skills of speaking, listening, reading and writing using a proficiency-based approach. Our five units center around: Greetings/Introductions, Physical/Personality Descriptions, Pastimes and City Locations, School, and Family. In our high-energy classroom, we use the building-blocks of vocabulary and grammar to explore authentic, culturally-rich materials and real-life contexts.

FRENCH 2

YEAR

Prerequisite: French 1

One step closer to the Utah Seal of Biliteracy on your High School Diploma! In our Level 2 French class, we build on the basics you learned last year with new themes, new cultural contexts and richer conversations. We develop strategies for building your confidence and fluency in the language, while helping you move beyond memorized sentences and into personal expression. Our five units center around: Clothing and Weather, Home and Daily Routine, Healthy Eating, Hobbies and Interests, and Getting around Town.

JAPANESE 1

YEAR

Japanese 1 is an introductory class on the language and culture of Japan. In this class the students will learn basic communication skills in Japanese through learning hiragana, katakana, greeting and phrases, and basic grammar and sentence structure. To pass this class the students must achieve mastery in hiragana and katakana. The students will be able to communicate in Japanese on a basic level. At the end of the course the students will be able to use and respond to basic greetings.

JAPANESE 2

YEAR

Prerequisite: Japanese 1

Japanese 2 is a continuation of Japanese 1. In this class the students will build upon the skills acquired in Japanese 1. The students will be expected to master katakana and hiragana and increase their knowledge of kanji by increasing the number and difficulty of kanji learned. In Japanese 2, the students will begin to communicate in Japanese without using formulated sentence patterns. They will be able to take the skills learned in this class to participate in normal everyday activities.

KOREAN 1

YEAR

This course will introduce *Hangul* (Korean letters) and provide students with a basic foundation of Korean language skills in the areas of listening, speaking, reading, and writing including some elements of hanja (Sino-Korean characters).

KOREAN 2

YEAR

Prerequisite: Korean 1

This course is a continuation of Korean 1 and will provide students with intermediate Korean language skills in the areas of listening, speaking, reading, and writing including some elements of hanja (Sino-Korean characters). Korean 1 is not a mandatory prerequisite for the course, but all registering students are expected to already have a minimal mastery of reading/writing *Hangul* (Korean letters).

SPANISH 1

YEAR

¡HOLA AMIGOS! Start your journey toward the Utah Seal of Biliteracy, and to earning college credit by your senior year! Did I mention you'll have a whole lot of fun doing it? In our Level 1 language class, we develop the essential communication skills of speaking, listening, reading, and writing using a proficiency-based approach. In our high-energy classroom, we use the building blocks of vocabulary and grammar to explore authentic, culturally-rich materials and real-life contexts. This is a class that you will NEVER regret taking if you really come to learn and use what you learn outside the classroom. It is the first step to gaining access not only to millions of other people, but places, cultures, foods, and experiences! The FIRST STEP on a journey to another world. Take the journey with me, and bring your friends!

SPANISH 2

YEAR

Prerequisite: Spanish 1

¡BIENVENIDOS DE VUELTA! You are one step closer to the Utah Seal of Biliteracy and earning college credit as early as next year! In our Level 2 language classes, second-year class, we build on the basics you learned last year with new themes, new cultural contexts and richer conversations. We develop strategies for building your confidence and fluency in the language, while helping you move beyond memorized sentences and into personal expression. The journey only gets more fun from here on out! Friends don't let Friends quit Spanish!

SECONDARY MATH ENRICHMENT

YEAR

Prerequisite: Teacher Approval

This course is intended to pre-teach or re-teach curriculum being presented in their regular math course.

AIDE-MEDIA**SEMESTER****Prerequisite: Staff Approval**

Students assist in the operation of the Media Center. It is important that students be able to follow procedures, have some self-motivation, and be willing to do the tasks necessary to assist the media specialist

AIDE-OFFICE**SEMESTER****Prerequisite: Staff Approval**

Students will assist the office staff with school operations.

AIDE-TEACHER**SEMESTER****Prerequisite: Teacher Approval**

Students assist teachers in a variety of tasks.

DIGITAL CURRICULUM**SEMESTER****Prerequisite: Counselor Approval**

The course is assigned to students who are enrolled and completing credits through East Shore Online High School.

STUDENT COUNCIL**YEAR****Prerequisite: Student Body Election**

This class provides elected officials the opportunity to learn how to operate student school governments.

LIFE SKILLS**YEAR****Prerequisite: IEP and Teacher Approval**

Admission to and requirements for this class will be based upon IEP.

NO CREDIT COURSES

APPROVED RELEASE**SEMESTER****Prerequisite: Parent/Guardian Approval**

All students are permitted one Approved Release period, with parent permission. During this period, they should not be on school grounds. Their parent/guardian assumes legal responsibility for the student during this period.

ESHS**SEMESTER****Prerequisite: District Approval**

This class is entered into a student's schedule when they have been approved for part-time online learning. During this period, they should not be on school grounds. Their parent/guardian assumes legal responsibility for the student during this period. No credit is earned for this period; instead, credit is earned through completion of assigned East Shore Online courses.

RELEASE**SEMESTER****Prerequisite: Parent/Guardian Approval**

Students may be permitted additional Release periods with parent permission. During this period, they should not be on school grounds. Their parent/guardian assumes legal responsibility for the student during this period.

SEMINARY**SEMESTER**

A student may be released to attend off-campus religious instructions.