South Summit High School
Course Catalog
2022-2023

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Disclaimer:
This Catalog is subject to change at any time. Courses may be added or removed at a moment’s notice. Please check with the Counselor for course descriptions and subject requirements if necessary.
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Course Descriptions

LANGUAGE ARTS (ENGLISH) (4.0 credits required)

AP ENGLISH LANGUAGE AND COMPOSITION
(1.0 credit)
Advanced Placement English Language and Composition is a challenging, multi-disciplined class designed for juniors and seniors who want to focus on college level writing and the craft of analyzing informational texts. In order for students to enroll in this course, they must have proven to be highly proficient in English 10H or English 11 and received prior approval from the course instructor. A written entrance exam may be given to assess writing skills. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is Required. This class can be taken in lieu of English 11 or 12.

• 11, 12

AP ENGLISH LITERATURE AND COMPOSITION
(1.0 credit)
Advanced Placement Literature and Composition is a challenging course designed for seniors who have an interest in fiction-based literature (novels, plays, short stories, poetry) and college level writing. In order for students to enroll in this course, they must have proven highly proficient in AP Language and Composition and received prior approval from the course instructor. A written entrance exam may be given to assess writing skills. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is Required. This class can be taken in lieu of English 12.

• 12

BUSINESS COMMUNICATIONS
(1.0 credit)
Business Communication affects all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, complete and correct manner on both the personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the year. The overriding goal is to provide students with a solid communication base, so they are able to communicate effectively. This course can be taken as an English 12 with approval.

• 10,11,12
• Pre-Req Digital Studies Complete
• Can also count as CTE credit

ENGLISH 9
(1.0 credit)
This class follows the State Common Core Standards. Students will be expected to read, write, and complete various language assignments in speaking and listening.

ENGLISH 9 HONORS
(1.0 credit)
This class follows the State Common Core Standards. Students will be expected to read, write, and complete various grammar assignments in this class. This class is more rigorous than English 9 and will have greater expectations. This course can be taken in lieu of English 9.

ENGLISH 10
(1.0 credit)
This course is designed for students who have met the requirements of English 9. English 10 focuses on developing skills in the five Common Core Strands of reading literature, reading informational texts, writing with an emphasis on informative writing and inquiry, speaking and listening, and language, with an emphasis on grammar and vocabulary acquisition.

ENGLISH 10 HONORS
(1.0 credit)
This course is designed for students who have proven to be highly proficient in English 9 or English 9 honors, and intend to take AP Language and Composition in their junior year. Students will be required to complete outside reading and writing in order to keep up with the rigors of this course, and can expect a focus of the five Common Core Strands of reading literature, reading informational texts, writing, with an emphasis on informative writing and inquiry, speaking and listening, and language, with an emphasis on grammar and vocabulary acquisition. This class can be taken in lieu of English 10.

ENGLISH 11
(1.0 credit)
This course will follow the Common Core with an emphasis on the development of American Literature. Students will be required to do a great deal of reading.

ENGLISH 12
(1.0 credit)
This course will follow the Common Core with an emphasis on quarterly projects. Students will be reading four novels.

UVU ENGL 1010 Intro to Writing
(1.0 credit)
This course teaches rhetorical knowledge and skills, focusing on critical reading, writing, and thinking. Introduces writing for specific academic audiences and situations. Emphasizes writing as a process through multiple drafts and revisions. Includes major essay assignments, writing and collaboration, research writing, journals, and portfolios. UVU Fees Required.

• 12
• ACT English and Reading Score 19

UVU ENGL 2010 Intermediate Writing
(1.0 credit)
Emphasizes academic inquiry and research in the humanities and social sciences. Explores issues from multiple perspectives. Teaches careful reasoning, argumentation, and rhetorical awareness of purpose, audience, and genre. Focuses on critically evaluating, effectively integrating, and properly documenting sources. In addition to major essay assignments, may include in-class writing and collaboration, an annotated bibliography, oral presentations, and portfolios. UVU Fees Required.

• 12
• Pre-Req English 1010
MATHEMATICS (3.0 credits required)

All mathematics classes require the knowledge learned in the prerequisite math class therefore it is recommended that you earn a C or better in that class before continuing on to the next course in the sequence. A grade of B or better is recommended for the Honors track. Four years of math are recommended, three are required.

General Math Track
Year 1 = Secondary Math I. Year 2 = Secondary Math II. Year 3 = Secondary Math III (possibly Math of Personal Finance). Year 4 = Math 1010/1050/1030.

Math Honors Track
Year 1 = Secondary Math I Honors. Year 2 = Secondary Math II Honors. Year 3 = Secondary Math III Honors. Year 4 = AP Calculus or Math 1050 or AP Statistics.

AP CALCULUS AB
(1.0 credit)
The course consists of a full academic year of work in calculus and related topics comparable to courses in colleges and universities. The topics covered are subject to the Advanced Placement Course Description. The basic topics include functions, graphs, limits, derivatives, integrals, and Fundamental Theorems of Calculus. Students will require a graphing calculator. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is Required.

- 12
- Pre-Req Honors Math 3

AP STATISTICS
(1.0 credit)
This is a non-calculus-based statistics course. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) exploring data, 2) planning study, 3) probability, and 4) statistical inference. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is Required.

- 12

CORE MATH 1
(1.0 credit)
The focus of CCI is to formalize and extend the mathematics that students learned in middle school. The material is organized into the following critical areas, or units: relationships between quantities (creating equations), linear and exponential relationships, reasoning with equations (one-variable equations/systems), descriptive statistics (interpreting data-linear models), congruence, proof and constructions (geometry) and coordinate geometry and algebra (coordinate proofs). Graphing calculator recommended.

CORE MATH 1 HONORS
(1.0 credit)
This course is intense and fast-paced, it extends 8th grade math concepts and prepares the student for Common Core Math 2 Honors. Graphing calculator recommended.

- Teacher Recommendation or Admin. Permission

CORE MATH 2
(1.0 credit)
The focus of Common Core Math II is on quadratic expressions, equations, and functions, comparing their characteristics and behavior to those of linear and exponential relationships. The material is organized into the following six critical areas, or units: extending the number system (exponents and rational exponents), quadratic functions and modeling, expressions and equations (inequalities and systems of equations), applications of probability, similarity, right angle trigonometry and proof, and circles with and without coordinate. Graphing calculator required.

CORE MATH 2 HONORS
(1.0 credit)
This is an intense, fast-paced course that extends but does not review Core Math 1 concepts. It prepares the student for Core Math 3 Honors. Graphing calculator required.

- Pre-Req Core Math 1 Honors

CORE MATH 3
(1.0 credit)
The focus of Common Core Math 3 is to pull together and apply the accumulation of learning from the previous courses. Material is grouped into the following basic units: inferences and conclusions from data (supposition and conclusions), polynomial, rational and radical relationships, trigonometry of general triangles and trigonometric functions, and mathematical modeling (create equations and solve).

CORE MATH 3 HONORS
(1.0 credit)
This course is an algebraic study of geometric concepts and analysis of functions. Students learn to analyze points, lines, vectors, circles, transformations, polar coordinates, and spatial geometry using algebraic and trigonometric principles. It is a prerequisite for AP Calculus.

- Pre-Req Core Math 2 Honors

MATHEMATICS OF PERSONAL FINANCE
(1.0 credit)
For JUNIORS AND SENIORS. Includes ideas, concepts, knowledge, skills that will enable students to implement the mathematical skills they need to become wise consumers, savers, investors, credit users, money managers, citizens, and part of a global workforce. This class, with parent permission, can replace Core Math III. This course is not considered to be a college prep course.

- 11,12
MATH 1010 C.E. and UVU MATH 1010 Intermediate Algebra
(1.0 credit)
Expands and covers in more depth basic algebra concepts introduced in Beginning Algebra. Includes linear and quadratic equations and inequalities, polynomials and rational expressions, radical and exponential expressions and equations, complex numbers, systems of linear and nonlinear equations, functions, conic sections, and real-world applications of algebra. Students will need a graphing calculator. Book fee required. UVU Fees Required.
- **12**
- **Pre-Req C average in Math 1,2, and 3 or 19 on Math ACT**

UVU MATH 1030 Quantitative Reasoning
(1.0 credit)
Teaches how to communicate, interpret, and analyze quantitative information found in the media and in everyday life to make sound personal, professional, and civic decisions. UVU Fees Required.
- **12**
- **Pre-Req C average in Math 1,2 and 3**

MATTH 1050 C.E. and UVU MATH 1050 College Algebra
(1.0 credit)
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. UVU Fees Required.
- **12**
- **Pre-Req Math 1010 grade C or Higher or 23 Math ACT**
SCIENCE (3.0 credits required)

Students are required to take one Biological Science, one Physical Science and one additional Science.

**AGRICULTURAL BIOLOGY - Biological Science**
(1.0 credit)
Biology is the science of life and its functions. Students will have an experience-based and example approach to life’s structure and processes. It will give students an introduction to cells and the small make-up of life, as well as organs and how the body works. Plants and animals are covered in a scientific view, with examples. Agricultural Biology gives us the opportunity to use animal examples in units and subjects. Opportunities in science will be discussed and practiced to allow students to explore the career opportunities available. Learning activities are varied, with classroom, laboratory, and field experiences. Students will create projects in areas of genetics and cells. Group involvement and personal growth are both a focus during the class. Units learned include Ecosystems and Biomes, Chemistry, Cells and Cell Structure, Organs and Functions, DNA and RNA, Genetics, and Evolution. FFA and SAE are included in Agricultural Biology. Fee is required.

**ANIMAL SCIENCE I — Elective Science**
(1.0 credit)
This course exposes students to a wide range of scientific principles, such as genetics, anatomy, physiology/nutrition, disease, pests, and management practices. The science processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

**ANIMAL SCIENCE II — Elective Science**
(1.0 credit)
This course is designed to introduce students to the field of livestock production. A historical perspective of the industry is also included.
- Pre-Req Animal Sci 1

**AP COMPUTER SCIENCE — Elective Science**
(1.0 Credits)
This course emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and includes the study of data structures and abstraction. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is required.

**AP PHYSICS - Physical Science**
(1.0 credit)
Physics is the study of the universe. This course goes in-depth on topics such as mechanics, fluids, waves, and thermodynamics. The course is taught over two semesters. It will prepare you for the AP test which will give credit for algebra-based physics at the university level. Lab activities within the class provide first-hand experience with all of the above topics and data analysis. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is required.
- 11, 12

**BIOLOGY - Biological Science**
(1.0 credit)
Biology is the science of life and its functions. Students will have an experience-based and example approach to life’s structure and processes. It will give students an introduction to cells and the small make-up of life, as well as organs and how the body works. Plants and animals are covered in a scientific view, with examples. Opportunities in science will be discussed and practice to allow students to explore the career opportunities available. Learning activities are varied, with classroom, laboratory, and field experiences. Students will create projects in areas of genetics and cells. Group involvement and personal growth are both a focus during the class. Units learned include Ecosystems and Biomes, Chemistry, Cells and Cell Structure, Organs and Functions, DNA and RNA, Genetics, and Evolution.

**CHEMISTRY - Physical Science**
(1.0 credit)
This course is the study of materials of our environment and the changes they undergo, how the changes can be communicated by means of equations, and the quantitative relationships concerning these changes.
- 10, 11, 12

**COMPUTER PROGRAMMING 2 — Elective Science**
(0.5 credit)
This course introduces students to more complex data structures and their uses, including sequential files, arrays and classes. Students will learn to create more powerful programs within a specific programming language.

**COMPUTER SCIENCE PRINCIPLES — Elective Science**
(1.0 credit)
Computer Science Principles is a course that follows a project to develop a computer science course that seeks to broaden participation in computing and computer science. The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include:
1. Computing is a creative activity.
2. Abstraction reduces information and detail to facilitate focus on relevant concepts.
3. Data and information facilitate the creation of knowledge.
4. Algorithms are used to develop and express solutions to computational problems.
5. Programming enables problem solving, human expression, and creation of knowledge.
6. The Internet pervades modern computing.
7. Computing has global impacts.

**EQUINE SCIENCE 1 AND 2 — Elective Science**
(0.5 credit each)
This course prepares students to care for horses and horse equipment; to train horses for various work and athletic or entertainment roles; and to manage horse training, breeding, and housing programs and facilities.

**EARTH SCIENCE - Physical Science**
(1.0 credit)
Earth Science is the study of the Earth focusing on Earths structure, plate tectonics, geology, oceanography, astronomy, weather, and climate. Hands-on labs and activities are part of the course.
MEDICAL ANATOMY AND PHYSIOLOGY - Elective Science
(1.0 credit)
This full-year course provides students with an in-depth study of health care careers including actual clinical experiences in a variety of areas. Instruction includes intermediate anatomy and physiology, medical terminology, diseases and disorders, medical ethics, and first aid. The class is designed to prepare students for a variety of health technology programs.

- 11,12

MEDICAL FORENSICS - Elective Science
(1.0 credit)
This year-long course is designed to gain the skills used in collecting and understanding evidence found at a crime scene. Instructional concepts include: laboratory skills and safety, microscopy, toxicology, measurement, physical evidence identification, pathology (death), anthropology (bones), entomology (insects), fingerprints, criminal minds, blood spatter analysis and career exploration.

- Pre-Req Biology, can be taken concurrently

PLANT AND SOIL SCIENCE - Elective Science
(1.0 credit)
Students will develop knowledge and skills in advanced areas of plant and soil science, including range resource management. The instruction will also include the importance of biotechnology in crop production. Students will also learn to identify common weeds, diseases, and insect pests. Fee is required.

PHYSICS - Physical Science
(1.0 credit)
The three topics covered in physics are matter, motion and energy. Everything is part of a system, whether it is book on a table, a cog in a machine, a satellite in orbit or a complex electrical circuit. Physics topics will be developed around systems and the nature of science.

- 10,11,12

UVU ASTR 1040 Introduction to Astronomy - Elective Science
(1.0 credit)
Introduces astronomy and cosmology. Provides a physics-based overview of the solar system, the lives and deaths of stars, galaxies, and the evolution of the Universe. Explores the basic principles of physics and light, the tools of astronomy, and interesting concepts such as the Big Bang and black holes. UVU Fees Required.

- 11,12

UVU GEO 1010 Introduction to Geology - Elective Science
(1.0 credit)
Studies planet earth: its materials, structure, dynamics, and surface features. Taken alone it is designed for non-science students who want a broad introduction to earth science and a greater appreciation of their physical surroundings. UVU Fees Required.

- 11,12

UVU METO 1010 Introduction to Meteorology - Elective Science
(1.0 credit)
Introduces the study of our atmosphere. Studies the Earth's dynamic weather systems. Covers structure and compositions of the atmosphere; weather patterns; air masses; and types of weather fronts, weather forecasting, and climates. UVU Fees Required.

- 11,12

UVU PHSC 1000 Survey of Physical Science - Physical Science
(1.0 credit)
Surveys the exciting world of science and explains the basic scientific laws and models by which the physical universe may be understood. Stresses historical aspects and the impact of physical science on modern society. Draws topics from the fields of physics, chemistry, geology, meteorology and astronomy. UVU Fees Required.

- 11,12

UVU BIOL 1010 General Biology - Biological Science
(1.0 credit)
Introduces major themes and concepts of biology including cell and molecular biology, genetics, diversity, evolution, and ecology. Provides students with necessary information and skills to critically evaluate what they hear, read, and see in the living world; communicate clearly; and apply methods to interpret data for making informed decisions concerning the role of biology in a world of which they are a part. UVU Fees Required.

- 12

- Pre-Req ENG 1010 and ACT Score 21

VETERINARY ASSISTANT I - Elective Science
(1.0 credit each)
This course prepares students to support veterinarians by providing assistance during animals’ examinations, treatment administration, and monitoring. They also learn to keep animal and health records and perform a wide range of practical duties. Fee is required.

- Biology and Animal Sci 1

WILDLIFE/ENVIRONMENTAL SCIENCE 1&2 - Elective Science
(1.0 credit each)
Students will develop knowledge and skills related to production management and conservation of natural resources. Major units will include ecology, range resources, waste management, and land use. Field and laboratory experiences will be emphasized. Fee is required.
AP UNITED STATES HISTORY
(1.0 credit)
Equivalent to college level introductory course in U.S. History. Must follow College Board guidelines. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is required.

- 11,12

GEOGRAPHY
(1.0 credit)
This is a core class, which covers the basic physical, political, and human features of the world. We use a variety of assignments, including a constructed grid map that serves as the semester project, and many others to achieve the goals of this class.

AP GEOGRAPHY
(1.0 credit)
This is an advanced core class, which covers the basic physical, political, and human features of the world. We use a variety of assignments, including a constructed grid map that serves as the semester project, and many others to achieve the goals of this class. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is required.

U.S. GOVERNMENT/LAW
(.5 credit)
This is a core class, covering our governmental foundations, national constitution, civil rights, voting process, and political activity. Student led discussion, in class debates, is used as a way of discussing political issues.

- 10,11,12

U.S. HISTORY II
(1.0 credit)
This course is the story of the American experience. The student will be shown that our ethics as a nation have been built up through mistakes and triumphs. We will teach how our diverse background racially, culturally, religiously, and governmentally has made us a strong nation. We will trace the background of Civil Rights for the minorities. We will teach the historical development and background of the laws of our nation and the importance of the Constitution. We will teach the important contributions of historical individuals illustrating that one voice can make a difference. Economics as a history will be taught to show that business continues to be an intricate part of society.

- 11,12

WORLD HISTORY
(.5 credit)
This is the teaching of the historical background of the human race. The goal is to teach a common human history. We teach that diversity has given us historical gifts, which make us what we are. The student will gain an understanding of the historical development of Western Civilization by studying the following groups: Development of the five river civilizations, namely Rome, Greece, Middle Age Europe and Renaissance. The students will be able to apply their knowledge and recognize that the historical context in which we now live is a continuation of what has gone on before.

SOCIAL SCIENCES (3.0 credits required)

ELECTIVE SOCIAL SCIENCES

PSYCHOLOGY C.E. AND UVU PSYCHOLOGY 1010
(1.0 credit)
An introductory course in modern scientific psychology. Covers major domains of scientific psychology including biological foundations, sensations, perception, learning, motivation, human development and abnormal psychology. Examines major psychological and professional applications. UVU Fees Required.

- 10,11,12

UVU PSYCHOLOGY 1100 Human Development and Lifespan
(1.0 credit)
Explores human development from conception and birth to old age and death. Examines growth and developmental patterns and describes the characteristics of various developmental stages. Studies the major physical, cognitive and psychosocial themes and issues of human development. Includes genetics, prenatal development, birth, early/middle/late childhood, adolescence, early/middle/late adulthood, and death. UVU Fees Required.

- 11,12

UVU SOC 1010 Introduction to Sociology
(1.0 credit)
Studies and compares social groups and institutions and their inter-relationships. Includes culture, socialization, deviance, stratification, race, ethnicity, social change, and collective behavior. UVU Fees Required.

- 11,12

UVU SOC 1200 Sociology of the Family
(1.0 credit)
Discusses the family in the context of society and its seven sociological institutions: family, media, government, economy, technology, education, and religion. Evaluates how changes in these institutions have facilitated many changes in the structure and function of the modern family. Examines traditional, current, and anticipated definitions of the family using core sociological theory and research tools. Evaluates cultural influence on the family.

- 11,12

UVU POLS 1100 American National Government (Can replace U.S. Govt.)
(1.0 credit)
Studies history and structure of American National Government, rights and responsibilities of citizens, political institutions, political processes, and governmental policies. Can be used to replace U.S. Government & Citizenship. UVU Fees Required.

- 11,12
ADVANCED ORCHESTRA
(1.0 credit)
Provides opportunities to foster and refine musical expression through instrumental performance, analytical/evaluative skills, and aesthetic judgment. Performances will be required quarterly.

AP 2D ART AND DESIGN
(1.0 Credit)
This is the most advanced class for Photography and Visual Arts Students. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. Students have the opportunity of earning college credit for the course and will be expected to submit the AP portfolio in the spring. Fee is required.
   • 10,11,12
   • Pre-Req Commercial Photo 1 and 2 or Painting

BAND
(1.0 credit)
Band is a continuation level course for students with three or more years of previous band experience. Emphasis is on the advancement of instrument technique, the further development of ensemble performance skills, and rehearsal and performance of intermediate level band music. The band also performs at various athletic events throughout the school year. Fee is required. Required class for Jazz, Percussion, and Combo.

BEGINNING DANCE
(1.0 credit)
This class is for beginning dancers without any prior skills. Students will develop beginning skills in Ballet, Modern Jazz, Lyrical, Hip Hop, and Ballroom. They will explore the process of choreographing, learn more about living a healthy lifestyle, and learn about the history of all genres. Students are required to perform in a Year End Recital. Fee is required.

BEGINNING CHOIR
(1.0 credit)
This is a beginning choir. It is open to all. Students are provided the opportunity to learn, enjoy, and perform music. The student will accomplish this by learning how to read and hear music, understanding its basic fundamentals, using correct singing techniques, and learning proper performance skills. A quarterly performance will be required.

CERAMICS 1, 2, 3
(.5 credit)
This High School course develops the basic technical and aesthetic skills listed in the visual arts standards in developing the creation of 3D forms in clay. Fee is required.

COMMERCIAL PHOTO 1
(.5 credit)
The focus of this course is to introduce students to digital camera functions, the elements of photography and Photoshop. Students must have a digital camera. Fee is required.

COMMERCIAL PHOTO 2
(.5 credit)
The focus of this course is for students to use the more advanced features of digital cameras, shoot commercial photographs, and improve Photoshop skills. Fee is required.
   • Pre-Req Commercial Photo 2

DIGITAL GRAPHIC ARTS INTRO
(.5 credit)
This course is designed to provide students with the basic knowledge and skills related to the graphic design industry. It is intended to serve as a starting point for several pathways including Digital Media, Graphics and Printing, 3D Animation and Game Development. This includes instruction and hands-on assignments in the following areas: creative design and layout, typography, color, related software, and computer and professional skills. Fee is required.

COMMERCIAL ARTS 1 & 2
(.5 credit)
A program in the applied visual arts that focuses on the general principles and techniques for effectively communicating ideas and information, and packaging products, in digital and other formats to business and consumer audiences, and that may prepare individuals in any of the applied art media. Fee is required.

DRAWING A & B
(.5 credit)
Drawing focuses on black and white or monochromatic and color rendering from life, pictures, masterworks, and imagination. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics. Fee is required.

DRILL
(1.0 credit)
This yearlong class is for students who have tried out and made the Drill Team. They will develop advanced skills in Military, Jazz, Kick and Hip-Hop genres. Students will perform at football and basketball half-times and compete at Regional and State levels. Fee is required.
   • Must be on Drill Team

GUITAR
(0.5 Credit)
This is a beginning guitar class. Students can bring their own guitar or they can borrow one from the school for the semester. In this class we will start from ground zero and work our way up to an intermediate level by the end of the year. This will include reading TAB, staff, and chords. Students will also gain understanding of the role in guitar through the ages and learn to recognize different styles and techniques. ($25 Maintenance fee)

JAZZ ENSEMBLE
(1.0 credit)
Students must be enrolled in Band or another core music class. This is a continuation level course for students with three or more years of previous band experience. Emphasis is on the advancement of instrument technique, the further development of jazz pedagogy and improvisation skills, and rehearsal and competitive performance of intermediate to advanced level music. Fee is required.
   • Pre-Req By Audition Only

MUSIC APPRECIATION CE
(.5 credit)
This class is taught by Mr. Davis. This course is designed to make music more meaningful through studies of melody, harmony, form, and rhythm together with historical and biographical information. UVU fees required.
   • 11,12
MUSIC PRODUCTION
(.5 credit)
Project-based learning focused on introducing students to the uses, concepts, techniques, and terminology of producing music using technology. Students will gain experience with current hardware and software for music sequencing, synthesis, and music performance practice. Participation in Music Theory the previous semester is recommended but not required.

MUSIC THEORY
(.5 credit)
This is an entry-level class focused on understanding the fundamental elements of music, including notation, harmony, rhythmic patterns, scales, intervals/inversions, chord compositions, common harmonic progressions and part writing. Students will participate in analysis and also apply these elements to basic compositions. Previous/concurrent experience with music recommended but not required.

PAINTING 1 & 2
(1.0 credit)
Painting includes wet media with processes such as transparent and opaque painting and focuses on the operations of color. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics. Fee is required.
• Pre-Req Drawing 1 and 2

PERCUSSION
(1.0 credit)
Students must be enrolled in Band to be enrolled in this course. This is a continuation level course for students with three or more years of previous band experience or piano background. Emphasis is on the advancement of percussion technique, the further development of ensemble performance skills, and rehearsal and performance of intermediate level percussion music. The percussion ensemble also performs at various athletic events throughout the school year. Acceptance into this group is by audition only. In order to enroll in Percussion, you have to be enrolled in Band. Fee is required.

TAPESTRY (ADVANCED CHOIR)
(1.0 credit)
Tapestry is South Summit's advanced, performing choir. Students study and perform advanced music from a variety of genres. Emphasis is given to performance - members are expected to commit to a minimum of 2 performances PER quarter. Applicants should have strong prior singing experience including solfege, choral singing techniques, sight-reading and performance skills. A tour is expected every-other year. Audition and fees are required.
• Pre-Req By Audition Only AND completion of Men/Women's Choir

UVU ART 1010 Introduction to Visual Arts
(1.0 credit)
Develops an appreciation of the visual arts by investigating the elements and principles of art, art criticism, art production, and the history of art. Includes written critiques and assignments. Requires students to identify works of art and describe their significance in writing. UVU fees required.
• 11,12

UVU MUSIC 1030 American Popular Music
(1.0 credit)
Studies the emergence, development, and characteristics of American music including Jazz, Blues, Country, Rock, Motown, Hip-Hop, and other popular styles. Examines the contributions of European, African, Latin and other cultural traditions on American popular music. Studies the influences of mass media and technology. Examines the marketing and dissemination of popular music by the music industry. Studies the role of popular music as a symbol of race, class, gender, and generation. Fulfills the Fine Arts general education distribution requirement and addresses the Intellectual and Practical Skills Foundation essential learning outcomes of qualitative reasoning. UVU Fees Required.
• 11,12

UVU THEA 1013 Introduction to Theatre
(1.0 credit)
Examines theatre analysis, history, dramatic structure, outstanding dramatic literature, and the various roles in theatre production including the playwright, producer, director, the design team, production staff, house staff, run crew, and publicity. Utilizes lecture, film review, play reading, and live theatre attendance. UVU Fees Required.
• 11,12

UVU THEA 1023 Introduction to Film
(1.0 credit)
Designed to develop the analytical skills necessary for understanding the motion picture - not only as an art form, but as a tool for the statement of ideas. Explores the visual and aural elements employed by movie-makers to influence audiences. Studies context--the historical, social, political, cultural, and artistic situation which produced the film and how it reflects ourselves and our society. Combines lecture, screening, and demonstration with critical discussions of assigned readings and films. Requires a weekly lab. UVU Fees Required.
• 11,12

WILDCAT VIDEO PRODUCTIONS
(1.0 credit)
This course is designed to provide experience in running cameras, and producing high quality broadcast entertainment. Students in this class will be in charge of producing the daily announcements, filming school sporting events, and creating commercials for our school’s sponsors and local businesses. The four basic phases of film making will also be included in this course. Development including storyboarding, Pre- Production, Production and Post-Production. Students will be required to attend certain sporting events.
ATHLETIC CONDITIONING BOYS
(1.0 credit)
This is a conditioning and weight lifting class. Typically taken by male athletes.

ATHLETIC CONDITIONING GIRLS
(1.0 credit)
This is a conditioning and weight lifting class. Typically taken by female athletes.

BEGINNING DANCE
(1.0 credit)
This class is for beginning dancers without any prior skills. Students will develop beginning skills in Ballet, Modern, Jazz, Lyrical, Hip Hop and Ballroom. They will explore the process of choreographing, learn more about living a healthy lifestyle, and learn about the history of all genres. They are required to perform in a Year End Recital.

CHEERLEADING
(1.0 credit) This is the class required for students who are on the SSHS Cheerleading team.
• Must Be SSHS Cheerleader

DRILL
(1.0 credit)
This yearlong class is for students who have tried out and made the Drill Team. They will develop advanced skills in Military, Jazz, Kick and Hip Hop genres. Students will perform at football and basketball halftimes and compete at Regional and State levels. Fee is required.
• Must Be on SSHS Drill Team

FITNESS FOR LIFE (Core required)
(.5 credit)
This is a required one-semester course designed for 10th graders to give students the knowledge and skills necessary to conduct a personal fitness program. Students learn to compare the fitness benefits in a variety of individual and team activities. It is required of all students and there are no substitutions.

HEALTH (Core required)
(.5 credit)
This is a required semester course designed for 9th grade students that provides opportunities for students to develop knowledge, skills, and attitudes necessary for practicing lifelong, health-enhancing behaviors.

LIFETIME ACTIVITIES
(.5 credit)
Class offered in grade 10, 11 or 12 that provides instruction in up to three lifetime sports activities and physical fitness. Various activities are included, many of which may not be on school grounds.

PARTICIPATION SKILLS (Core Required)
(.5 credit)
This is a one-semester class that offers students instructions in individual, dual, and team sports activities. This Course is Part of the State required Core. It may be substituted by participating in a UHAA Sanctioned Sport.

YOGA
(.5 credit)
Yoga is an exercise in which you move your body into various positions in order to become more fit or flexible, to improve your breathing, and to relax your mind.

WEIGHT TRAINING
(.5 credit)
This is a one-semester class that offers students instruction lifting weights.
DIGITAL STUDIES (.5 credit required)

BUSINESS OFFICE SPECIALIST (.5 credit)
This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students will integrate applications learned.

COMPUTER SCIENCES PRINCIPLES (1.0 credit)
Computer Science Principles is a course that places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include:
1. Computing is a creative activity.
2. Abstraction reduces information and detail to facilitate focus on relevant concepts.
3. Data and information facilitate the creation of knowledge.
4. Algorithms are used to develop and express solutions to computational problems.
5. Programming enables problem solving, human expression, and creation of knowledge.
6. The Internet pervades modern computing.
7. Computing has global impacts.

WEB DEVELOPMENT 1 (.5 credit)
Web Development 1 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 fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding, cascading style sheets (CSS), and JavaScript. They follow the steps to create a website by planning, designing, developing, deploying, and maintaining of the 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 website.

COMPUTER PROGRAMMING 1 (.5 credit)
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 coding concepts and problem-solving skills to beginning students through a programming language such as C++, C#, Java, Python, or JavaScript. Students will also be introduced to more complex data structures and their uses, including arrays and classes. Students will learn to create more powerful programs.

GENERAL FINANCIAL LITERACY (.5 credit required)

GENERAL FINANCIAL LITERACY (.5 credit)
The general financial literacy course is a required course for graduation. Students will learn planning and goals, career preparation, spending and credit, consumer protection, income, money management, saving and investing and risk management. There is no other substitution for this class.

- 11,12
AP COMPUTER SCIENCE
(2.0 Credits)
This course emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and includes the study of data structures and abstraction. Students have the opportunity of earning college credit for the course and will be expected to take the AP exam in the spring. Fee is required.

AGRICULTURAL BIOLOGY
(1.0 credit)
Biology is the science of life and its functions. Students will have an experience-based and example approach to life’s structure and processes. It will give students an introduction to cells and the small make-up of life, as well as organs and how the body works. Plants and animals are covered in a scientific view, with examples. Agricultural Biology gives us the opportunity to use animal examples in units and subjects. Opportunities in science will be discussed and practiced to allow students to explore the career opportunities available. Learning activities are varied, with classroom, laboratory, and field experiences. Students will create projects in areas of genetics and cells. Group involvement and personal growth are both a focus during the class. Units learned include Ecosystems and Biomes, Chemistry, Cells and Cell Structure, Organs and Functions, DNA and RNA, Genetics, and Evolution. FFA and SAE are included in Agricultural Biology. Fee is required.

AGRICULTURAL MECHANICS 1
(1.0 credit)
Students will develop knowledge and skills in the application of principles and techniques of power, structural, and technical systems used in the agricultural industry, particularly agricultural production and service. Instruction includes classroom and laboratory learning and the application of the concepts taught through supervised agricultural experience. Students will develop basic skills in areas of hot and cold metal work, tool reconditioning, plumbing, painting, bill of materials preparation, small gas engines, and welding. The basic practices associated with soil and water management are included. Safety and proper use of tools and equipment will be emphasized. Fee is required.

AGRICULTURAL MECHANICS 2
(1.0 credit)
Students will develop knowledge and skills in the application of principles and techniques of power, structural, and technical systems used in the agricultural industry. Emphasis will be on selecting, operating, maintaining, servicing, and using agricultural power units and equipment. The course also includes agricultural uses of concrete and electricity. Safety and the proper use of safe practices will be integrated throughout the instruction. The instructional methods will involve applications of concepts being taught through classroom and laboratory instruction and supervised agricultural experience. Fee is required.

ANIMAL SCIENCE I
(1.0 credit)
This course exposes students to a wide range of scientific principles, such as genetics, anatomy, physiology/nutrition, disease, pests, and management practices. The science processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

ANIMAL SCIENCE II
(1.0 credit)
This course is designed to introduce students to the field of livestock production. A historical perspective of the industry is also included.

• Pre-Req Animal Sci I

BUSINESS COMMUNICATIONS
(1.0 credit)
Business Communication affects all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, complete and correct manner on both the personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the year. The overriding goal is to provide students with a solid communication base, so they are able to communicate effectively.

• 10,11,12
• Pre-Req Business Office Specialist

BUSINESS MANAGEMENT
(.5 credit)
This Business Management course seeks to develop sound management skills within students, as management plays a role in any future employment opportunity. Students are able to analyze, synthesize, and evaluate data from the other functional areas of business (e.g., marketing, finance, accounting, and production) as well as focus on managing one's time and the time and talents of others. Effective management requires decision-making abilities, long-range planning knowledge, human relations expertise, and motivational skills. Students learn leadership skills and are able to select appropriate management styles. Finally, students are taught current technological applications and the effect international trade has on management style and decisions.

BUSINESS OFFICE SPECIALIST
(.5 credit)
This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students will integrate applications learned.

CNA (CERTIFIED NURSE ASSISTANT) (MTECH COURSE)
(1.0 credit)
This class is designed for students who wish to achieve state certification as a nursing assistant (CNA). It is a non-college credit class offered by Mountainland Technical College. Students must be at least 16 years of age to take this course. The course of study will clarify the practical skills needed to care for a patient in several different health care settings including hospitals, long term care facilities, home health agencies, and residential care facilities. Key skills in patient care will be taught including bathing, personal care, and personal hygiene of a patient, feeding, taking vital signs, bed making, body mechanics, turning, transfers, ambulation skills, infection control and standard precautions.

Clinical Eligibility: In a clinical setting, students get a chance to practice the skills they have been learning in class on patients. These skills include bathing, personal hygiene, toileting, oral care, and other skills needed to care for a patient. The student must be responsible and competent in order to be eligible to go to clinicals. In order to be eligible to do their clinicals, students must be up to date on all class work, skills, tests and pass-offs and they must be making a minimum of 80% in each area. They must have at least 90% attendance in class. They must be able to adequately communicate in English in health care settings. Students will be supervised by one of the instructors. Fee is required.

• Must Be 16 Years-Old
CHILD DEVELOPMENT  
(.5 credit)  
This course provides students with an understanding of the aspects of human growth and development. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Learning activities, observation techniques, and lab experiences in working with young children may be included.

COMMERCIAL ARTS 1 & 2  
(.5 credit each)  
This is a course in the applied visual arts that prepares individuals to use artistic techniques to effectively communicate ideas and information to business and consumer audiences via illustrations and other forms of digital or printed media. Instruction includes training in concept design, layout, paste-up, and various graphics techniques. Fee is required.

COMMERCIAL ARTS 3  
(1.0 credit)  
This instructional course prepares individuals to apply technical knowledge and skills to develop and create concepts that optimize the function, value, and appearance of products for the benefit of both user and manufacturer. Fee is required.

- Commercial Arts 1 and 2

COMMERCIAL PHOTO 1 & 2  
(.5 credit each)  
The focus of this course is to introduce students to digital camera functions, the elements of photography and Photoshop. Fee is required.

COMPUTER PROGRAMMING 1 & 2  
(.5 credit each)  
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 coding concepts and problem-solving skills to beginning students through a programming language such as C++, C#, Java, Python, or JavaScript. Students will also be introduced to more complex data structures and their uses, including arrays and classes. Students will learn to create more powerful programs.

COMPUTER REPAIR 1 & 2  
(.5 credit each)  
Students will learn necessary competencies for an entry-level IT professional including installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing, and performing preventive maintenance of basic personal computer hardware and operating systems. Fee is required.

COMPUTER SCIENCES PRINCIPLES  
(1.0 credit)  
Computer Science Principles is a course that places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include:

1. Computing is a creative activity.
2. Abstraction reduces information and detail to facilitate focus on relevant concepts.
3. Data and information facilitate the creation of knowledge.
4. Algorithms are used to develop and express solutions to computational problems.
5. Programming enables problem solving, human expression, and creation of knowledge.
6. The Internet pervades modern computing.
7. Computing has global impacts.

CULINARY ARTS 1  
(0.5 credit)  
Students will be trained for career opportunities in the food service/culinary arts industry. Students will have the opportunity to learn and practice safety and sanitation procedures, and use and maintain commercial food service equipment. They will perform quantity food preparation as it relates to catering, bakery, restaurant, hospitality, and fast food business operations. Fee is required.

- Pre-Req Food and Nutrition 1

CULINARY ARTS 2  
(0.5 credit)  
This course will train students for career opportunities in the food service/culinary arts industry. Safety and sanitation procedures will be implemented and practiced, as well as knowledge of use and care of commercial food service equipment. Quantity food preparation will be explored as it relates to catering, bakery, restaurant, hospitality, and quick service business operations. Students leadership and competitive events (FCCLA) may be integrated into this course.

- Pre-Req Culinary Arts 1

DIGITAL GRAPHIC ARTS INTRO  
(.5 credit)  
This course is designed to provide students with the basic knowledge and skills related to the graphic design industry. It is intended to serve as a starting point for several pathways including Digital Media, Graphics and Printing, 3D Animation and Game Development. This includes instruction and hands-on assignments in the following areas: creative design and layout, typography, color, related software, and computer and professional skills. Fee is required.

DIGITAL MARKETING  
(.5 credit)  
The Digital Marketing course is designed to give students a general background in digital marketing and an introduction to the rapidly growing and evolving career field. Students will be exposed to the fundamental concepts and principles of the digital experience, focus on the learning tools and skills necessary for solving business problems, and developing marketing opportunities. The course will provide practical experience in, but not limited to: eCommerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, and mobile media.

EMERGENCY MEDICAL RESPONDER (EMR)  
(.5 credit)  
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. Fee is required.

EMERGENCY MEDICAL TECHNICIAN (EMT)  
(1.5 credit)  
This class is an instructional program that prepares individuals to perform initial medical diagnosis, treatment, and comprehensive care in medical crises, under the general supervision of a coordinating physician. Includes instruction in all aspects of basic health care; disease, disorder, and injury and diagnosis; emergency medical treatment procedures; anesthetics; intravenous and other drug administration procedures; obstetrics procedures; basic surgical techniques; emergency medical equipment operation and maintenance; special care of patients exposed to heat, cold, radiation, or contagious disease; and administrative aspects of emergency medicine. Programs may include emergency vehicle operation and patient transportation procedures, depending on level of training. Fee is required.

- Must Be 18 Before May
ENTREPRENEURSHIP
(.5 credit)
Students will gain an understanding of the marketing and management principles necessary to start and operate their own business. They will develop an awareness of the opportunities for small business ownership and develop the planning skills needed to open a small business.

Students will become aware of the traits and characteristics of successful entrepreneurs. Students will gain an awareness of the knowledge needed in research, planning and regulations affecting the small business and the means of financing a small business. They will understand the specific strategies of business management and marketing and the economic role of the entrepreneur in the market system. Entrepreneurship is designed for students enrolled in business and marketing education, and/or other courses, who have an interest in developing the skills, attitudes, and knowledge necessary for successful entrepreneurs.

EQUINE SCIENCE 1 AND 2
(.5 credit each)
This course prepares students to care for horses and horse equipment; to train horses for various work and athletic or entertainment roles; and to manage horse training, breeding, and housing programs and facilities.

EXERCISE SCIENCE AND SPORTS MEDICINE
(1.0 credit)
This full-year course is designed to teach students components of exercise science/sports medicine; including exploration of therapeutic careers, medical terminology, anatomy and physiology, first aid, injury prevention principles, the healing process, rehabilitation techniques, therapeutic modalities, sport nutrition, sport psychology and performance enhancement philosophies.

FLORICULTURE/GREENHOUSE MANAGEMENT
(1.0 credit)
Students will develop knowledge and skills related to the floriculture industry. Floral design and greenhouse operations and management will be the primary units of study. Students will be prepared to create floral arrangements, produce commercial plant species in a controlled environment, and manage commercial and experimental greenhouse operations. Fee is required.

FOOD AND NUTRITION 1
(.5 credit)
This course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy life style. Attention will be given to the selection and preparation of food and personal health and well-being. Fee is required.

HEALTH SCIENCES - INTRODUCTION
(.5 credit)
This semester course is designed to create an awareness of career possibilities in 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.

HOSPITALITY & TOURISM
(.5 credit)
This course introduces students to the world of hospitality services (food service, tourism, and recreation). Practical hands-on experiences, field trips, and career exploration will be incorporated into this curriculum.

INTERIOR DESIGN 1 & 2
(.5 credit)
This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are furniture arrangement basics, floor plan evaluation, area planning and careers. FCCLA may be an integral part of this course.

INTERNSHIP
(.5 credit)
CTE Internships provide on the job training opportunities that are directly related to a career goal and course of study identified through the College and Career Ready Plan. Therefore, a student must have taken or currently be enrolled in a CTE class related to the internship opportunity. This Work-Based Learning experience is designed to bridge the gap between school and work. Appropriate supervision by a school/district coordinator must be maintained.

- 11,12

LANDSCAPE MANAGEMENT
(.5 credit)
Students will develop knowledge and skills in nursery operation and landscape management practices that will prepare the students to select appropriate plant materials and to design, install, and maintain interior and exterior plantings and hardscapes. They will also learn to maintain the facilities and equipment associated with this industry.

LEADERSHIP PRINCIPLES (CTE)
(1.0 credit each)
This class teaches how to be an effective leader. Concepts include goal setting, motivation, team building, time management, conflict resolution, communication, ethics, diversity and much more.

MEDICAL ANATOMY AND PHYSIOLOGY
(1.0 credit)
This full-year course provides students with an in-depth study of health care careers including actual clinical experience in a variety of areas. Instruction includes intermediate anatomy & physiology, medical terminology, diseases and disorders, medical ethics and first aid.

- 11,12

MEDICAL FORENSICS
(1.0 credit)
This year-long course is designed to gain the skills used in collecting and understanding evidence found at a crime scene. Instructional concepts include: laboratory skills and safety, microscopy, toxicology, measurement, physical evidence identification, pathology (death), anthropology (bones), entomology (insects), fingerprints, criminal minds, blood spatter analysis and career exploration.

- Pre-Req Biology, can be taken concurrently

MTECH DENTAL ASSISTING
(4.0 credits)
Students will work on classmatess and bring in patients for learning non-invasive procedures such as suctioning and taking impressions. The classroom/lab portion will primarily be held on campus, but also includes field trips and some hybrid distance education days, where the students will be given assignments to do off-site. This is a valuable introduction into the dental field for students interested in becoming chair-side assistants, hygienists, lab technicians, specialty assistants, dentists, product representatives, etc. Fee is required.

- 12
MTECH ELECTRICAL
(4.0 credits)
The MTECH Electrical Apprenticeship prepares students to become certified Journeyman Electricians. Electricians install and maintain residential, commercial, and industrial electrical systems. All buildings have an electrical system that is installed during construction and maintained after that. Electricians read blueprints, which are technical diagrams of electrical systems that show the location of circuits, outlets, and other equipment. They use different types of hand and power tools, such as pipe benders, to run and protect wiring.

• 12

MTECH MACHINING 1 & 2
(1.5 credits each)
This MTECH course will use technical knowledge and skills to plan and manufacture projects using machine lathes, mills, drill presses, and other equipment in safe working conditions to promote the manufacturing industries. Students will receive training at the High School from White Knight employees and will work at White Knight.

• 11,12

MTECH MEDICAL ASSISTING
(4.0 credits)
Medical Assistants complete administrative and clinical tasks in the offices of physicians and other health practitioners. The Medical Assistant will take and record personal information from the patient and keep it confidential. Medical Assistants also collect and prepare laboratory specimens and sometimes perform basic laboratory tests.

• 12

MTECH PHARMACY TECHNICIAN
(2.0 credits)
Students will learn how to assist the pharmacist in a simulated retail or hospital setting. Training will include: inventory, ordering, labeling, storing, distributing medicines, working with the patient records, billing information, gathering information for the pharmacist, and distribution of printed information to the patient.

• 12

MTECH PLUMBING APPRENTICESHIP
(4.0 credits)
The MTECH Plumbing Apprenticeship Program prepares students to become certified Journeyman Plumbers. Plumbers install, maintain, and repair many different types of pipe systems. Some of these systems carry water, dispose of waste, supply gas to ovens, or heat and cool buildings. Other systems, such as those in power plants, carry the steam that powers huge turbines.

• 12

NETWORK FUNDAMENTALS
(.5 credit)
Utah’s Network Fundamentals are based on CompTIA 2011 Network+ Objectives. The CompTIA Network+ certification is an internationally recognized validation of the technical knowledge required of foundation-level IT network practitioners.

PLANT AND SOIL SCIENCE
(1.0 credit)
Students will develop knowledge and skills in advanced areas of plant and soil science, including range resource management. The instruction will also include the importance of biotechnology in crop production. Students will also learn to identify common weeds, diseases, and insect pests.

PRINCIPLES OF CYBER DEFENSE & ETHICS
(.5 credit)
This course will immerse you into the Hacker Mindset, so that you will be able to ethically defend against future attacks. The security mindset in any organization must not be limited to the silos of a certain vendor, technologies, or pieces of equipment. This course puts you in the driver’s seat of a hands-on environment with a systematic process. Here, you will be exposed to an entirely different way of achieving optimal information security posture in their organization, by hacking it! You will scan, test, hack, and secure your own systems. You will be taught the five phases of ethical hacking and the ways to secure and approach your target to succeed! The five phases include Reconnaissance, Gaining Access, Enumeration, Maintaining Access, and Covering Your Tracks.

SEWING CONSTRUCTION & TEXTILES 1
(.5 credit)
This course introduces students to basic apparel design and construction skills. THis skills prepare students for the exciting global apparel industry, entrepreneurial opportunities, as well as project management in any field. Students will sew apparel and accessory projects. Student leadership (FCCLA) may be an integral part of this course. Fee is required.

WEB DEVELOPMENT 1 & 2
(.5 credit each)
Web Development 1 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 fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding, cascading style sheets (CSS), and JavaScript. They follow the steps to create a website by planning, designing, developing, deploying, and maintaining of the 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 website.

WELDING TECHNICIAN, ENTRY LEVEL
(1.0 credit)
Students will learn basic welding skills that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills, and habits required for performing tasks autonomously, including the selection and use of appropriate techniques and equipment with minimum supervision. Fee is required.

WELDING TECHNICIAN, INTERMEDIATE LEVEL
(1.0 credit)
Students will learn intermediate welding skills that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills, and habits required for performing tasks autonomously, including the selection and use of appropriate techniques and equipment with minimum supervision. Fee is required.

• 10,11,12

• Pre-Req Welding Technician Entry

WELDING TECHNICIAN, ADVANCED LEVEL
(1.0 credit)
Students will learn more advanced skills in the welding processes that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills, and habits required to perform tasks autonomously and with minimum supervision, including the selection and use of appropriate techniques and equipment. THIS COURSE CAN BE REPEATED. Fee is required.

• 11,12

• Pre-Req Welding Technician Intermediate
WILDLIFE & ENVIRONMENTAL SCIENCE 1&2
(1.0 credit each)
Students will develop knowledge and skills related to production management and conservation of natural resources. Major units will include ecology, range resources, waste management, and land use. Field and laboratory experiences will be emphasized.

UVU AUTO 1000 Survey of Automotive Technology
(1.0 credit)
An introductory course for those interested in Automotive Technology. Presents basic automotive repair lessons on ignition and fuel systems, brakes, CV joints, and emissions for state inspections. Discusses electrical accessories, computerized engine controls, and chassis components.
UVU Fees Required.
- 12
- Must take the lab

UVU AUTO 1130 Engine Repair
(1.0 credit)
Studies construction, operation, and performance of various types of engines. Covers the theory of combustion, and characteristics of fuels, lubrication systems, cooling systems, timing valves, and wear problems with all other parts of the engine. Includes lab experience. Tool room fee of $10 for equipment applies.
UVU Fees Required.
- 12
- UVU Auto 1000
- Must take the lab

UVU COMM 1020 Public Speaking
(1.0 credit)
Provides an introduction to basic concepts, theories, principles of oral communication as applied to a variety of speaking situations. Develops competence in oral communication through performance, the development of critical thinking skills, arrangement of ideas, and use of evidence and reasoning to support claims. Explains how culture influences what is considered effective public speaking.
UVU Fees Required.
- 11,12

UVU COMM 1500 Introduction to Mass Communications
(1.0 credit)
Provides a survey of the structure, operation, diversity, and effects of mass media. Discusses the different forms of media and the impact of media. Explores opportunities in communication work. Also covers consumer impacts.
UVU Fees Required.
- 11,12

UVU CJ 1010 Introduction to Criminal Justice
(1.0 credit)
Presents the processes, institution, and administration of criminal justice in the United States. Examines the crime problem, criminal law, law enforcement, criminal prosecution, criminal defense, bail, the jury system, and sentencing among adult and juvenile offenders. Explores the correctional system; namely, probation, prisons, inmates' rights, and parole.
UVU Fees Required.
- 11,12

UVU AVSC 1010 Survey Of Aviation Science
(1.0 credit)
Designed for all students interested in aviation careers. Includes a general knowledge of aviation, historical events, and aerospace studies/development opportunities. Studies aviation and aerospace terminology, how aircraft and spacecraft fly, research and development of future systems, government and industry roles in the growth of aviation, and potential careers in aviation.
UVU Fees Required.
- 11,12

UVU CJ 1330 Criminal Law
(1.0 credit)
Provides an overview of criminal law. Covers history and terminology of the criminal justice system, the elements of specific offenses, and the role of the criminal justice profession in the fact-gathering process.
UVU Fees Required.
- 11,12

UVU CJ 1340 Criminal Investigations
(1.0 credit)
Introduces the fundamentals of criminal investigations. Examines the techniques commonly utilized by investigative personnel for crimes against property and persons to include case management and documentation, interacting with victims, witnesses and suspects, and crime scene analysis.
UVU Fees Required.
- Pre-Req CJ 1010
- 11,12

UVU CJ 1350 Introduction to Forensic Science
(1.0 credit)
Studies Forensic Science and multiple forensic disciplines as they correlate with criminal investigations. Teaches the identification and importance of multiple types of physical evidence typically found at a crime scene and how that evidence is used to provide a link between the victim, suspect, and crime scene. Explains the proper techniques needed to document a crime scene and physical evidence. Provides the process of taking the evidence from the scene and the scientific analysis of the evidence, which is completed at the crime laboratory.
UVU Fees Required.
- 11,12

VETERINARY ASSISTANT I
(1.0 credit)
This course provides the opportunity for students to explore different avenues of the veterinary profession. Students will be exposed to veterinary science and principles which include anatomy, physiology, chemistry, animal health and disease, dentistry and laboratory procedures. Students will provide hands-on care as they develop skills in the areas of surgical assisting, bandaging, wound care, oral care, and general nursing care.
- 11,12
- Pre-Req Biology and Animal Science
Any class that is not needed for a core graduation requirement will count as an elective. Please note that Release time does not earn graduation credit.

**ACADEMIC CONTENT LINK**
(1.0 credit)
This class is designed to assist students who are designated ESL/ELL, and who need extra support and assistance with a High School academic load. This course is only available through the ESL/ELL director and counselor.
- **Students Will Be Placed In This Class By Teacher**

**ACT PREP**
(.5 credit)
A one semester class designed to assist student with preparation for the ACT. Emphasis on test-taking skills and time management.
- **10,11,12**

**ASSISTED STUDIES**
(.5 credit)
Assisted study hall. Students will be expected to attend and use time to complete academic work. The class will be graded Pass/Fail.
- **11,12**

**CHARACTER ED**
(.5 credit) Character Ed is an elective class offered to provide students the opportunity to discover who they are, establish positive character attributes, set life affirming goals, and pursue a positive, productive, joy filled future. A variety of reflective video, artistic and engaging activities are used to fulfill the class objectives.

**CREATIVE WRITING**
(1.0 credit)
Teaches the skills and strategies necessary to write creatively
- **11,12**

**CREDIT RECOVERY**
(.5-1.0 credit)
Students who have failed CORE classes can pursue credit recovery in this class using the online Edgenuity program.
- **Must Be Placed In Class By Counselor**

**DEBATE**
(.5 credit)
Teaches the fundamentals of speech/debate.

**ECONOMICS**
(1.0 credit)
Economics studies the production, distribution, and consumption of goods and services in an economy.

**LEADERSHIP (SB0)**
(1.0 credit)
Students in current or future leadership roles will develop skills to become effective leaders. Areas covered will include: concepts in conducting efficient meetings, teamwork, improving school spirit.

**RELEASE TIME (SEMINARY)**
(No credit)
This class will not receive any high school credit. Students are released to attend seminary at the Church building located across the street from South Summit High School. Students must have approval from parents to be released.

**SOPHOMORE WILDCAT ACADEMY**
(.5 credit)
Designed to assist sophomores with a supportive environment managing coursework, future planning, and managing time effectively.
- **10**
- **Students Will Be Placed In This Class By Teacher**

**SPANISH 1**
(1.0 credit)
This is an introductory class to the Spanish language. The language is taught through the TPRS method; that is learning to read, write, speak, and listen proficiently through vocabulary and vocabulary phrases. Spanish culture is also taught to allow students to compare their own culture with what is being taught. This instruction of language and culture prepares students to appreciate both their native language and a foreign language. Students will need to purchase a workbook.

**SPANISH 2**
(1.0 credit)
Spanish 2 furthers the learning goals of reading, writing, speaking, and listening from Spanish 1. Additional culture lessons will be taught as well to complement level two learners. The biggest difference between level 1 and level 2 is the introduction to the past tense in Spanish. Students will learn how to use, recognize, and write in the past. Students will need to purchase several novel-readers.
- **Pre-Req Spanish 1**

**SPANISH 3**
(1.0 credit)
Spanish 3 is the culmination of all the efforts from Spanish 1 and 2. The student will still increase his or her knowledge and use of the four modalities of learning a foreign language: reading, writing, speaking, and listening. Culture, as before, will play an additional role in this class. Students will need to purchase several novel-readers.
- **Pre-Req Spanish 2**

**SPANISH DLI AP**
(1.0 credit)
This course is Advanced Placement Spanish. It includes reading literacy (literary?) excerpts, novels and plays; speaking by preparing talks and participating in class discussions with increased emphasis on conversational ability. This is the 9th grade DLI class.
- **Class is for DLI Students**

**SPANISH DLI C.E.**
(1.0 credit). Students who have been in the DLI program and have passed the AP Exam can take concurrent UVU Spanish Classes. The course offered will rotate each year.
- **For DLI Students**
WILDCAT ACADEMY
(1.0 credit)
Designed to assist incoming freshmen with a supportive, transitioning environment, that helps them adjust to the demands and rigors of high school. Emphasis is placed on managing coursework, future planning, and managing time effectively. This class is required of all freshmen.

• 9

UVU ANTH 101G Social Cultural Anthropology
(1.0 credit)
Introduces students to the variability of human behavior cross-culturally and provides an understanding of the holistic approach to human behavior. Explores interrelationships, in a variety of cultural contexts, between beliefs, economic structures, sexuality, eating habits, ecology, politics, living arrangements, psychology, symbolism, and kinship. May be delivered hybrid.
UVU Fees Required.

• Pre-Req Eng 1010 with a C+ or higher
• 11,12

UVU HUM1010 Humanities Through the Ages
(1.0 credit)
Studies the media and compositional elements of the various art forms (literature, music, visual arts, theater, film, dance, and architecture), for greater understanding and enjoyment. Teaches how to interpret artistic meaning by analyzing artworks formally as well as in their historical contexts, such as the predominant subject matters and styles of their period. Encourages students to integrate the arts into their daily lives habitually, so that they become lifelong learners and educators. UVU Fees Required.

• 11,12

UVU NUTR 1020 Foundations Human Nutrition
(1.0 credit)
For students interested in various health care professions. Considers basic principles of human nutrition. Studies factors that influence nutritive requirements and maintenance of nutritional balance. Examines relationships between proper nutrition and social, mental and physical well-being. UVU Fees Required.

• 11,12

UVU PHIL 205G
(1.0 credit)
ENGL 1010; ENGL 2010/ENGL 2020 highly recommended. Challenges students to (1) develop knowledge and recognition of complexities inherent in global and intercultural issues, focusing on their ethical and normative dimensions with an emphasis on issues of ethics and values, (2) develop the ability to interrelate knowledgeably, reflectively, responsibly, and respectfully with a society of increasing intercultural connections, (3) critically read works of philosophy, literature, religion, and history toward understanding the basis of their ethical views; and (4) read, study, research, discuss, and write about difficult ethical issues. Focuses on global and intercultural issues with an emphasis on their ethical and normative dimensions. Engages students in serious reflection on issues of ethics and values as they relate to the students' own lives as knowledgeable, thoughtful, reflective, responsible, and respectful citizens within a society of increasing intercultural connections. UVU Fees Required.

• 12

UVU PHIL 2050 Ethics and Values
(1.0 credit)
Challenges students to (1) explore and clarify their values; (2) critically read works of philosophy, literature, religion, and history toward understanding the basis of their ethical views; and (3) read, study, research, discuss, and write about difficult ethical issues. Focuses on issues of good vs. evil, justice vs. injustice, equality vs. inequality, and the necessity of defining and examining happiness and values. Engages students in serious reflection on issues of ethics and values as they relate to the students' own lives. UVU Fees Required.

• 12

YEARBOOK
(1.0 credit)
A course that takes photographs and creates the school yearbook.

• Pre-Req Commercial Photo 1&2
• 10,11,12
Recommended Course Sequencing By Grade:

Freshman:
1. English 9 (1.0)
2. Core Math 1 (1.0)
3. Science (1.0)
4. Geography (1.0)
5. Digital Studies - Business Office Specialist, Computer Science Principles, Web Development or Computer Programming (.5)
6. Wildcat (1.0)
7. CTE/Fine Arts based on career interest/Holland code (1.0)

Sophomore:
1. English 10 (1.0)
2. Core Math 2 (1.0)
3. Science (1.0)
4. Fitness for Life (.5)
5. Health (.5)
6. US Govt. (.5)
7. World History (.5)
8. CTE/Fine Arts based on career interest/Holland code (1.0)

Junior:
1. English 11 (1.0)
2. Core Math 3 (1.0)
3. US History (1.0)
4. Science (1.0)
5. General Financial Literacy (.5)
6. CTE/Fine Arts based on career interest/Holland code (1.0)

Senior:
1. English 12 (1.0)
2. CTE/Fine Arts based on career interest/Holland code (1.0)
3. CTE Pathway completion
4. Math and Science Highly Recommended
   5 classes per semester required!
SSHS Science Graduation Requirement Options

At SSHS students will need to take 3 credits of science to meet the minimum graduation requirements. Students will need to take 1 Biological Science, 1 Physical Science, and 1 Elective Science.

Here are 3 different sequences students could follow. We encourage students to pick a sequence/courses that will best prepare them for their individual college/career aspirations.

| 1. Biology/Ag Biology | 1. Elective Science | 1. Earth Science |
| 2. Chemistry          | 2. Biology/Ag Biology | 2. Biology/Ag Biology |

Biological Sciences Offered:
Biology
Ag Biology
UVU Biology 1010

Physical Sciences Offered:
Earth Science
Physics/ AP
Chemistry

Elective Sciences Offered:
Animal Science 1 & 2
Computer Science Principles *(Can count as a core science, must meet with counselor)*
Computer Programming 2
Equine Science 1 & 2
Medical Anatomy and Physiology
Medical Forensics
Plant and Soil Science
Veterinary Assistant
Wildlife/Environmental Science 1 & 2
UVU Distance Learning Sciences