

SSHS

Course Description

Guide



This information outlines graduation requirements and points out courses that will prepare you for post-high school studies. We urge you to begin preparing for your post-high school level work today. Plan your educational program carefully. If you plan on going to college, choose courses that will help you with your university work. Avoid those classes that do not meet your long-range goals. If you make proper choices, you will be ready for admission to college, entry into the workforce, or further vocational/high technology preparation.

The following are South Sevier High School graduation requirements:

<u>Subject Areas</u>	<u>Credits</u>
English	4.0
Math	3.0
Science	3.0
Social Studies	3.0*
Physical Education/Health	2.0
Fine Arts	1.5
Digital Literacy	.5
Financial Literacy	.5
CTE	2
Electives	12.5
Total	32

*Students Graduating 2029 and on will need 3.5 credits in Social Studies

Semester

One semester is 90 days in length. There are two semesters in a school year with 5 periods daily. Grades and credit will be reported every 90 days as .50 credit with a midterm Progress Reports (approximately 45th day).

Concurrent Enrollment (CE) Credit

Competent, qualified high school students may register for college-level classes. Credit is transferable to any Utah state-funded institution. Interested students can complete college-level courses while completing high school attendance and curriculum requirements. A nominal fee is required for the college to record credit.

KEY: * = requires teacher's approval, audition, or application
 CE = college credit available through Concurrent Enrollment

**CONCURRENT ENROLLMENT OPPORTUNITIES AVAILABLE
SOUTH SEVIER HIGH SCHOOL**

CONCURRENT ENROLLMENT CLASSES: Students in their junior or senior year may elect to enroll for college credit when taking certain classes taught by qualified high school teachers who have been approved by Snow College as adjunct faculty members. The tuition for these courses is paid for through legislative funding. Students enrolled should meet minimum criteria such as a 3.0 GPA in the subject area, or by approval from the course instructor. To enroll in CE Pre Calculus the student must have an ACT Math score of 23 or better. To enroll in CE English the student must have an ACT English score of 18 or better. In order for students to remain in Concurrent Enrollment Courses they need to attend and pass their courses or they will be removed. The following courses have been approved by Snow College and are available on the high school campus.

<u>South Sevier High School Course</u>	<u>Snow College Course #</u>	<u>Units of Credit</u>
CE Intro to Expository Writing A, B	ENGL 1010	3 units
CE Statistics	MATH 1040	3 units
CE Pre Calculus A	MATH 1050	4 units
CE Human Biology	BIO 1050/1055	4 units
CE Intro to Education	EDUC 1010	3 units
CE Medical Terminology	NURS 1000	2 units
CE Woods 2	TECO 1205	3 units
CE Residential Construction 1	CM 1210	3 units

College Credit

Art - Music - Theater



ART

Students need to take 1.5 credits, or 3 classes, of Fine Art to fulfill graduation requirements.

SCULPTURE: Grades 9-12

This course is an introduction to sculptural approaches in a variety of media including traditional and experimental. The aim of this course is to assist students in exploring sculptural processes through the body and space, considering visual aesthetics. Introduces the 3D format and exposes students to an overview of processes, tools, and materials used in sculpture. Students explore the relationship of ideas to materials and construction techniques. Students will learn skills in making choices vital to creating their own projects and experience displaying the finished project.

.50 Fine Art, or Elective credit.

1 semester, every other day

DRAWING: Grades 9-12

Drawing focuses on black and white or monochromatic 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.

.50 Fine Art, or Elective credit.

1 semester, every other day

COMMERCIAL ART (1, 2, OR 3): Grades 9-12

-Commercial Art 1-A beginning course in the applied visual arts that focuses on the general principles and techniques for effective visual communication in illustration and/or graphic design. The course prepares individuals in applied art media including drawing, painting, computer graphics, etc.

-Commercial Art 2-An intermediate course in the applied visual arts that focuses on the general principles and techniques for effective visual communication in illustration and/or graphic design. Instruction includes training in software used in concept design, layout, various techniques, and media.

-Commercial Art 3-An advanced course in the applied visual arts that focuses on the specific principles and techniques for effective visual communication in illustration and/or graphic design. Instruction includes training in software used in concept design, layout, various techniques, and media. Emphasis will be placed on creating a high-quality portfolio of Commercial Art work.

.5 Fine Art, or CTE credit.

1 semester, every other day

COMMERCIAL PHOTOGRAPHY 1 & 2: Grades 10-12

This course prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations.

1.0 Fine Art, or CTE Credit.

1 semester, 2 consecutive periods

CTE Center

DIGITAL MEDIA 1 & 2: Grades 9-12

-Digital Media is the process of analyzing, designing, and developing interactive media. Digital Media 1 is the first semester of the first-year digital media course set where students will create and learn digital media applications while using elements of text, graphics, and digital imaging for various formats. 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.

-Digital Media 2 is the second semester of the first-year digital media course set where students will build upon the skills learned in Digital Media 1. They will continue to create and learn digital media applications while focusing on elements of animation, audio, video, and digital imaging for various formats. These abilities will prepare students for entry-level multimedia positions and provide fundamental 21st Century Learning skills beneficial for all occupational/ educational endeavors.

1.0 Fine Art, or CTE Credit.

1 semester, 2 consecutive periods

CTE Center

CE MUSC 1030-INTRO TO JAZZ & AMERICAN POP. Grades 11-12.

Prerequisite: Must have 3.0 GPA

This course is a general music appreciation class designed to empower music listeners by giving them an understanding of American jazz and popular music. Students will develop analytical and listening skills that help them to identify and be able to seek and write about jazz and popular music styles. This course is offered as concurrent enrollment through Snow College.

.50 Fine Art credit.

1 semester, every other day

CE MUSC 1031-HISTORY OF ROCK AND ROLL. Grades 11-12

Prerequisite: Must have 3.0 GPA

This course provides students with an overview of the history of rock and roll music from its roots to the present day. Emphasis is placed on major stylistic trends and the artists who made major contributions to the evolution of this musical genre. Rock music will also be studied in a sociological context- both as an influence on, and as a reflection of the society in which it has operated. Fundamental musical concepts and vocabulary will also be addressed. This course is offered as concurrent enrollment through Snow College.

.50 Fine Art credit.

1 semester, every other day

MUSIC-INSTRUMENTAL

BAND III-LARGE ENSEMBLE/JAZZ: Grades 9-12

Prerequisite: Membership in Symphonic Band or Percussion required

An advanced instrumental ensemble directed toward learning and performing “big band” jazz, swing, funk, fusion and rock styles of music. Curriculum includes numerous performances per year including adjudicated music festivals, varsity games, and overnight tours, basics in improvisation, theory, history, transcription, and composition.

.50 Fine Art, or Elective credit per semester.

2 semesters, before school Mon - Thur

BAND III-PERCUSSION: Grades 9-12

Prerequisite: Two years of piano lessons

Percussionists will develop technique and skill on all percussion instruments including the mallet instruments. Curriculum will move individual percussionists far beyond skills necessary to perform band and orchestral music. Enrollment in Symphonic Band is not necessary, although the percussion parts for these groups will be learned and performed with these ensembles for all concerts and adjudicated music festivals. Drummers wishing to play in Jazz Ensemble will need to enroll in that class by audition and director approval only.

.50 Fine Art, or Elective credit per semester.

2 semesters, 1 period every other day

BAND III-LARGE ENSEMBLE/SYMPHONIC: Grades 9-12

An advanced instrumental ensemble directed toward learning and performing the finest in classic, traditional, and contemporary band literature. Students are expected to enroll in both semesters. Emphasis is placed on tone production, technique, and musical expression in preparation for region and state festivals and college scholarship auditions. Curriculum includes basics in music theory and history, as well as required attendance at concerts, adjudicated music festivals, varsity games, and overnight tours. Concert attire is required at performances.

.50 Fine Art, or Elective credit per semester.

2 semesters, 1 period every other day

GUITAR I: Grades 9-12

This course provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play a guitar. Emphasis will be placed on playing position, tone production, fundamental technique, simultaneous playing and singing, reading music, and composing songs/lyrics. Knowledge and skills will include experiences in singing, creating, playing, listening, and connecting to cultures.

.50 Fine Art, or Elective credit.

1 semester, 1 period every other day

MUSIC-VOCAL

MUSIC APPRECIATION: Grades 9-12

Music Appreciation will introduce students to the fundamentals of creating, enjoying and listening to music. Students will learn about the basics of creating music including melody, harmony and rhythm. Students will also explore instrumental and vocal timbre and will critique musical performances. Students will learn to appreciate the complexity and the art of music.

.50 Fine Art, or Elective credit per semester.

1 semester, 1 period every other day

MIXED, CHORUS I: Grades 9-12

This course is open to all students, no prior experience or audition needed. Primary consideration will be given to vocal production, ear training, and music fundamentals. Special attention will be given to developing the ability to read music and to understand music of many choral composers. Two, three, and four-part music will be studied.

.50 Fine Art, or Elective credit per semester.

1 or 2 semesters, 1 period every other day

SOUND CELEBRATION CHORUS III (MADRIGALS): Grades 9-12

Prerequisite: Audition with instructor

This course is only available to students who auditioned in the prior spring. Students must demonstrate in their audition the ability to sight-read, produce acceptable vocal tone, match pitch, read music, and sing in four part harmony. Students with prior musical and vocal history will be given priority. Up to eight part repertoire will be learned and performed. Curriculum includes music theory, ear training, with numerous performances at adjudicated festivals, concerts, sports events, and overnight tours. Opportunities for honor choir events will be offered. Students are expected to enroll in both semesters.

.50 Fine Art, or Elective credit.

1 semester, 1 period every other day

THEATER

***THEATRE FOUNDATIONS 1 : Grades 9-12**

In this class, students will take a crash course on all things theatre. Students will learn the concepts of stage directions, improvisation, pantomime, monologues and scenes, and musical theatre. Students will learn about the history of theatre, including Shakespeare and other historical playwrights. Students will also learn about the technical side of theatre, which includes building and organizing sets, props, and costumes; programming lights and sound; and managing the stage. In the spring, students will also have the option to be a part of Region and State Theatre.

.50 Fine Art, or Elective credit.

2nd semester, 1 period every other day

HEALTHY LIFESTYLES & PHYSICAL EDUCATION

-Students must take 2 credits of PE to fulfill graduation requirements.

-All freshmen take Participation Skills.

-All sophomores take Fitness for Life & Health II.

-Students may then choose a .50 credit PE elective.

PARTICIPATION SKILLS & TECHNIQUES: Grade 9

This course will develop participation skills and techniques in a variety of individual sports, games, and dance activities. This course also provides instruction aimed at improving and maintaining physical fitness. Students will be expected to dress in appropriate workout clothing for the class and participate each day. Since this a participation class, attendance is very important.

.50 PE credit. State-required course.

1 semester, 1 period every other day

FITNESS FOR LIFE: Grade 10

This one-semester course helps each student adopt a personal healthy lifestyle in order to achieve and maintain fitness. Students will identify and understand such concepts as cardiovascular fitness, strength, flexibility, endurance, weight control, nutrition, and stress management. Students will be expected to dress in appropriate gym attire and participate each day. Since this is a participation class, attendance is very important.

.50 PE credit. State-required course.

1 semester, 1 period every other day

HEALTH EDUCATION II: Grade 10

This course emphasizes the physical, social, and mental dimensions of good health. Students become informed consumers of health information and services.

.50 Health credit. State-required course.

1 semester, 1 period every other day

INDIVIDUAL ACTIVITIES: Grades 11-12

This co-education, one-semester PE course will include a variety of individual activities and tournaments such as bowling, golf, pickleball, tennis etc. Students will be required to participate.

.50 PE credit.

1 semester, 1 period every other day

YOGA: Grades 11-12

Yoga is an Individual Lifetime Activity course designed to develop healthy, responsible students by teaching them physical competencies such as proper body alignment, breathing techniques, and a wide variety of poses.

.50 PE credit.

1 semester, 1 period every other day

PHYS ED/WEIGHTLIFTING (coed): Grades 9-12

This one-semester course will develop participation in weightlifting and conditioning. This course also provides instruction aimed at improving and maintaining physical fitness.

.50 PE, or Elective credit.

1 semester, 1 period every other day

SPORT PARTICIPATION:

Participating in two seasons of a sport can fulfill the .5 elective PE requirement. Students must come to the counseling office and fill out a form to get this credit added to their transcript.

.50 PE, or Elective credit.

***CHEERLEADING: Grades 9-12**

Participation by tryouts in the spring

Students must tryout and be selected for these positions. .50 credit may be used toward the elective Physical Education requirement if students participate in 2 seasons. Other credits are used toward graduation electives.

***DRILL TEAM A: Grades 9-12**

Participation by tryouts in the spring

Students must tryout and be selected for these positions. .50 credit may be used toward the elective Physical Education requirement if students participate in 2 seasons. Other credits are used toward graduation electives.



ENGLISH LANGUAGE ARTS



Growing Readers and Writers

-Students need to take 4 credits of Language Arts to fulfill graduation requirements.

Course Sequencing

-All freshmen take Language Arts 9.

-All sophomores take Language Arts 10.

-All juniors take Language Arts 11.

-Seniors may take Language Arts 12, English 1010 (if they qualify), Business Communications I & II, or Creative Writing/Literary Magazine, Literature and Film, or Speech & Debate.

LANGUAGE ARTS 9: Grade 9

This course is required for graduation. This course gives students multiple opportunities to practice and become competent in reading and writing skills. Root vocabulary development is emphasized and grammatical units are developed from demonstrated deficiencies in student writing.

Semester A - Focuses on reading and writing descriptions, autobiographical narratives and series of events.

Semester B - Emphasizes informative reports encompassing library skills, as well as persuasive reading and writing along with job descriptions and letters of application. Reviews and refines writing, reading, and comprehension skills.

1.0 Language Art credit.

2 semesters, 1 period every other day

LANGUAGE ARTS 10: Grade 10

This course fulfills one of the Core Language Arts requirements and is required for graduation. The information presented in class helps students prepare for the ACT and obtain skills needed for future rigorous academic classes and opportunities.

Semester A - Students will read both fictional and nonfictional texts, write argumentatively and informationally while creating an online portfolio as an artifact of evidence.

Semester B - Students will curate personal informational reading which translates into a research paper.

Elements from Semester A continue such as reading and adding to an online portfolio.

1.0 Language Art credit.

2 semesters, 1 period every other day

LANGUAGE ARTS 11: Grade 11

This course fulfills one of the Core Language Arts requirements and is required for graduation.

Semester A - Students do a survey of American literature (short stories, poetry, novels, plays, and non-fiction), developing competency in verbal and written analysis. Students also write original short stories and poetry.

Semester B - Students continue surveying American Literature. Students do library and non-library research, compiling information in a presentation format. Both semesters include vocabulary study. Grammar is integrated into the various writing units.

1.0 Language Art credit.

2 semesters, 1 period every other day

LANGUAGE ARTS 12: Grade 12

This is a basic English course for seniors, and may fulfill a Core Language Arts requirement. The emphasis is on developing competency in writing skills. Grammar study is integrated with the writing units.

Semester A - Focuses on writing short essays and reports based on Literature and Research. Vocabulary and grammar work is stressed in class.

Semester B - Emphasizes reading and writing in Comparison/Contrast and Critical Reviews. Vocabulary development is stressed and grammar units are derived from literature read in class.

1.0 Language Art credit.

2 semesters, 1 period every other day

CE ENGLISH 1010 (INTRO TO EXPOSITORY WRITING): Grade 12

Prerequisite: ACT score of 18 or above, and a 3.0 or higher GPA

This course is designed to help students develop the ability to write and present clear expository prose.

Emphasis is placed on the writing process, including analysis, topic selection, thesis support and development, editing and revision. Upon completion, students should be able to produce unified, coherent, well developed essays using standard written English. This course is offered as concurrent enrollment through Snow College.

1.0 Language Art credit.

2 semesters, 1 period every other day

BUSINESS COMMUNICATIONS I and/or II: Grades 11-12

This course is designed to teach students how to communicate in a clear, courteous, concise, complete, and correct manner on both the personal and professional levels. These durable skills will prepare students for future education, career, and other aspects of life in which they pursue.

.50 CTE, or Elective Credit per semester taken, or 4th year LA

1 semester for 1 period every other day

*If taken as a senior, this course counts toward Language Arts 12 credit. If not, it counts as elective/CTE credit.

CREATIVE WRITING/LITERARY MAGAZINE: Grades 11-12

This course is designed as an applied or advanced elective; the curriculum focuses on promoting self-expression and allows students to explore various writing styles and experiment with diverse modes of storytelling. Students will strive for artistic growth by developing variety in their diction, sentence structure, and format.

Beyond technical writing skills, this course fosters critical thinking, interpersonal communication, and personal fulfillment. Students will be encouraged to find professional outlets for their work through writing groups, publications, scholarships, contests, or workshops. It will also include a component dedicated to the production of a literary magazine, giving students hands-on experience with the publication process.

.5 Language Art or elective credit per semester.

2 semesters, 1 period every other day

*If taken as a senior, this course counts toward Language Arts 12 credit. If taken before senior year, it counts as elective credit.

LITERATURE & FILM: Grades 11-12

This course examines film as a literary text, analyzing how directors use cinematic techniques to convey theme and develop character. Through scene analysis, discussion, and analytical writing, students will develop critical thinking and rhetorical analysis skills.

.50 4th year LA, or elective credit

1 semester, 1 period every other day

*If taken as a senior, this course counts toward Language Arts 12 credit. If taken before senior year, it counts as elective credit.

YEARBOOK DESIGN AND PRODUCTION/JOURNALISM: Grades 9-12

Yearbook is a hands-on course where the students and teacher work closely together to design and produce

South Sevier High School's annual yearbook. You are historians, journalists, photographers, and artists putting together a photo-journalistic book. It is an honor and a big responsibility to be a part of the yearbook staff.
Pre-requisites: Obtain permission from Mrs. Alvey.

Fall and Spring Semester 1 class every other day

*If taken for 3 years, this course can count for LA 12 credit.

SPEECH & DEBATE: Grades 11-12

Speech and Debate provides students an opportunity to develop skills in research, critical thinking, organization, persuasion, and communication. Students must set aside personal bias and previous knowledge to objectively debate various sides of an issue and understand the complexities of the world in order to develop solutions that are workable and solve inherent problems.

1.0 Language Art or elective.

2 semesters, 1 period every other day

*If taken as a senior, this course counts toward Language Arts 12 credit. If taken before senior year, it counts as elective credit.

Mathematics

-Students need to take 3 credits of Math to fulfill graduation requirements

All freshmen will take Secondary Mathematics I or I-Honors

All sophomores will take Secondary Mathematics II or II Honors

All juniors will take Secondary Mathematics III or Mathematics of Personal Finance. Mathematics III is a prerequisite for CE math courses senior year.

Seniors may take a CE course such as CE Statistics (Math 1040) or CE Pre-Calculus (Math 1050), if qualified.

SECONDARY MATHEMATICS I: Grade 9

This course is intended for the vast majority of freshmen. This course will offer instruction in the areas of mathematical topics including: linear and exponential relationships and functions, congruence, and interpreting categorical and quantitative data. This course fulfills one of the Core Math requirements and is required for graduation. Must be taken with the Math 1 Lab.

1.0 Math credit and 1.0 Elective credit.

2 semesters, A day (Math), and B day (Math Lab)

SECONDARY MATHEMATICS I-HONORS: Grade 9

Prerequisite: Completion of middle school mathematics with high achievement

This course is intended for students that excel in mathematics. This course offers all the math topics taught in regular Secondary Mathematics I at an accelerated pace. This course fulfills one of the Core Math requirements and is required for graduation. Must be taken with the Math 1-Honors Lab.

1.0 Math credit and 1.0 Elective credit.

2 semesters, A day (Math), and B day (Math Lab)

SECONDARY MATHEMATICS II: Grade 10

Prerequisite: Completion of Secondary Math I

This course is intended for the vast majority of high school sophomores. This course will offer instruction in the areas of mathematical topics including: number systems, quadratic expressions, equations, and functions, similarity, right triangle trigonometry, circles, and probability and data. This course fulfills one of the Core Math requirements and is required for graduation. Must be taken with the Math 2 Lab

1.0 Math credit and 1.0 Elective credit.

2 semesters, A day (Math), and B day (Math Lab)

SECONDARY MATHEMATICS II-HONORS: Grade 10

Prerequisite: Successful completion of Secondary Math I-Honors or completed the required work provided by your secondary math I teacher.

This course is intended for the student that excels in mathematics. This course offers all the math topics taught in regular Secondary Mathematics II at an accelerated pace. This course fulfills one of the Core Math requirements.

Must be taken with the Math 2-Honors Lab
1.0 Math credit

2 semesters, 1 period every other day

SECONDARY MATHEMATICS III: Grade 11

Prerequisite: Completion of Secondary Math II

This course is intended for the majority of high school juniors. 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 expand their knowledge of all family of functions and their transformations, including rational, radical, absolute values, exponentials, logarithms, and polynomials. Students will study inverses and linear programming. Their knowledge of right triangle trigonometry is built upon as well learning to apply methods from probability and statistics. Students work throughout the course to bring together all of their experience with functions and geometry to create models and solve contextual problems. This course fulfills one of the Core Math requirements.

1.0 Math credit.

2 semesters, 1 period every other day

MATHEMATICS OF PERSONAL FINANCE: Grade 11

Mathematics of Personal Finance is designed for students in their junior or senior year of high school. The course represents content from mathematics and personal finance that are essential for students who will assume roles as consumers, money managers and members of a global workforce. Topics include, but are not limited to, setting goals, filing taxes, budgeting, checking and savings accounts, interest rates, credit cards, auto loans, home loans, and health insurance. Successful completion of this course will fulfill 1 credit of supplemental mathematics requirements.

1.0 Applied Math credit.

2 semesters, 1 period every other day

CE STATISTICS, MATH 1040: Grade 12

Prerequisite: Completion of Math I, Math II, and Math III with As and Bs or 22 on Math ACT. 3.0 GPA

Introduction to Statistics is a -semester course on the nature of statistical reasoning. Students will learn descriptive statistics, sampling and data collection, basic probability, sampling distributions, and statistical inference (including 1- and 2-sample confidence intervals and hypothesis testing). This class offers 3 units of semester credits through Snow College which are transferable to any state college or university. This course can fill the math requirement for students going on to college.

1.0 Math elective credit.

1 semester, 1 period every day

CE COLLEGE ALGEBRA, MATH 1050: Grade 12

Prerequisite: Completion of Math I, Math II, and Math III and 23 on Math ACT. 3.0 GPA

In this course, students will study family of functions including: linear, quadratic, polynomial, rational, exponential, and logarithmic functions. Additional topics include inequalities, linear programming, sequences and series, conic sections, matrices, the binomial theorem, modeling, and graphing technology. This course prepares students for trigonometry and calculus.

1.0 Math elective credit.

1 semester, 1 period every day



Science

-Students need to take 3 credits of Science to fulfill graduation requirements. 2 credits must be foundational courses and 1 credit is an applied science course.

Recommended Course Sequence

-Freshmen can choose to take Earth Science or Biology. Taking biology puts students on a more rigorous track that prepares them for taking a college level science course junior or senior year.

-Sophomores who take Earth Science freshman year will take Biology. Those who have taken Biology freshman year will take Chemistry.

-Juniors will take a foundational or applied science class of their choice. CE option-BIO 1050 (3.0 GPA required).

EARTH SCIENCE: Grade 9

Earth Systems combines life, physical, earth and space science into one class. Students are introduced to concepts of interaction and interdependence within and between systems. Students will learn about issues in our society and learn how these issues are relevant to their lives. It is the intent of this course to enable students to understand the nature of science and how science is an integral part of society. This course will emphasize large connections with populations, cycles, and global systems.

1.0 Foundation Science credit.

2 semesters, 1 period every other day

BIOLOGY: Grades 9-10

This course includes the topics of ecosystems, cells, heredity, diversity, organ systems, and evolution. Students will explain biological ideas or concepts in their own words, relate them to other topics, and apply them in new contexts.

1.0 Foundation Science credit.

2 semesters, 1 period every other day

AGRICULTURE SCIENCE I: Grades 9-12

Prerequisites: None

This course covers the foundation for courses in animal science, plant science, introduction to veterinary science, natural resources, agriculture systems and technology, food science, agribusiness, personal and leadership development, and agricultural career awareness.

1.0 Applied Science or CTE credit

2 semesters, 1 period every other day

ANIMAL SCIENCE I: Grades 9-12

A one-year introductory course in agricultural business, plant and animal sciences, and basic agricultural mechanics skills that generally prepare individuals to apply the principles involved in the organization, operation, and management of agricultural businesses. 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.

1.0 Applied Science credit.

2 semesters, 1 period every other day

CHEMISTRY: Grades 10-12

This course includes the topics of atoms, energy, chemical bonds, chemical reactions and solutions. Students develop an understanding of chemical concepts and determine the relevance of chemistry in their lives.

1.0 Foundation Science credit.

2 semesters, 1 period every other day

NATURAL RESOURCE SCIENCE: Grades 10-12

An instructional course that includes instruction on the importance of production, management, and conservation of our natural resources, ecology, and fish and wildlife. Field and laboratory experiences should be emphasized. (This class will be taught on a rotational basis.)

.50 Applied Science credit per semester.

2 semesters, 1 period every other day

ENVIRONMENTAL SCIENCE: Grades 10-12

Prerequisites: Biology and Chemistry recommended

This course is a study of the human impacts on nature. We will focus on the following topics: Environmental problems, causes and solutions; Ecological principles, cycles and systems; Population growth and dynamics; Pollution of water, soil and air; Energy production, consumption and efficiency; and Biodiversity, conservation and land use. Students will be engaged in discussions, labs, field studies. This is the second part of a two part course. Students should be enrolled in Wildlife Biology for the fall semester prior to taking this environmental course in the spring.

.50 Applied Science credit.

1 semester, 1 period every other day

GEOLOGY: Grades 10-12

Prerequisites: Earth Science recommended

The Geology High School Supplemental SEEd standards explore matter and energy that form the rocks, minerals, and formations found in Earth. Students carry out investigations to identify and classify different minerals and rocks. Students ask questions to evaluate what can be learned from the geologic record. Students develop and use models of the Earth and its interior. Students obtain, evaluate, and communicate information to understand Earth's surface processes. Students analyze and interpret data about the interaction between humans and the Earth in an attempt to mitigate geologic hazards, minimize property damage, and preserve lives.

.50 Applied Science credit.

1 semester, 1 period every other day

BOTANY: Grades 10-12

Prerequisites: Biology recommended

The Botany High School Supplemental SEEd Standards explore the patterns, processes, structures, functions, and relationships of plants on Earth. Students investigate and explain the major structures, functions, and processes plants use to survive and respond to their environment. Students construct explanations and arguments to classify plants into major plant taxa and determine their relationships, adaptations, and evolution. Students investigate and analyze data to explain how plants interact with and depend upon their environment for survival. Students investigate and explain the many ways that humans use and depend on plants.

.50 Applied Science credit.

1 semester, 1 period every other day

GENETICS: Grades 10-12

Prerequisites: Biology

The study of DNA, genes and heredity. It includes the study of gene development, structure and function in plants, animals and humans as well as in bacteria with a focus on how the characteristics of a species are passed from one generation to the next.

.50 Applied Science credit.

1 semester, 1 period every other day

CE HUMAN BIOLOGY 1050/55 with Lab: Grades 11-12

Prerequisites: Biology or Chemistry. 3.0 GPA.

This course provides in-depth coverage of the human biological concepts taught in first year university biology courses. This course is offered as concurrent enrollment through Snow College. 4 credits, plus 1 lab credit.



Social Science

-Students need to take 3 credits of Social Science to fulfill graduation requirements.

Recommended Course Sequence

-All Freshmen take Geography for Life

-All Sophomores take World Civilizations

-All Juniors take U.S. History. They may take a social studies elective course this year too.

-All Seniors take Government and Citizenship. If they haven't taken a social studies elective course, they will need to this year.

GEOGRAPHY FOR LIFE: Grade 9

This course will focus on a study of the interrelationships between our physical and cultural worlds. The course will explore how geography influences human behavior from the local to the international level. Cultural, economic and political geography will be emphasized. Representative groups from various parts of the world will be examined. Selected geographical skills will be taught.

.50 State-required credit

1 semester, 1 period every other day

WORLD CIVILIZATIONS: Grade 10

Students will realize that the history of the separate peoples of the world is a history of the growing interrelationship among all the peoples of the world. The course will emphasize the increasing interrelationships over time of the world's peoples.

.50 State-required credit

1 semester, 1 period every other day

U.S. HISTORY: Grade 11

Understanding United States history is essential for the continuation of our democratic society. This course will help students make connections between their world and the rich heritage of United States history. The course is designed as a survey of American history with an emphasis on post-Reconstruction American (1876-Present), but will include a review of the earlier period.

1.0 State-required credit

2 semesters, 1 period every other day

GOVERNMENT AND CITIZENSHIP: Grade 12

The goal of this course is to foster informed, responsible participation in public issues. Knowing how to be a good citizen is essential to the preservation and improvement of United States democracy. Upon completion of this course the student will understand the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system. This course is for seniors due to their proximity to voting and draft age.

.50 State-required credit

1 semester, 1 period every other day

CE POLITICAL SCIENCE 1100 (AM NAT GOV): Grades 11-12

Prerequisites: 3.0 GPA.

This concurrent enrollment course is a survey course designed to familiarize students with the constitutional framework, institutions, politics and policies of American government and politics. It is based on the premise that each individual citizen has rights and responsibilities. This course is recommended for seniors due to their proximity to voting and military age. Fulfills the Government and Citizenship requirement.

.50 State-required credit

1 semester, 1 period every other day

3.0 College credits, fulfilling American Institutions requirements

SPORTS PSYCHOLOGY: Grades 11-12

This course focuses on the motivational aspects of fitness, drawing from psychology research to connect mental health and sports performance.

.50 elective social studies credit

1 period every other day

CURRENT ISSUES: Grades 11-12

Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, government and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion. Additionally students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them.

.50 elective social studies credit

1 semester, 1 period every other day

NATIVE AMERICAN STUDIES: Grades 11-12

The Study of Native Americans in North America: Indigenous history, culture, literature, and conflicts. Covers: Pre- Colonial history, impact of settler colonialism-treaty rights, removal policies, and treaties & legal struggle to present day. Literature & oral history: Analyzing fiction, non-fiction, poetry, and storytelling of Native American culture. Why cities, states, and National Parks are named after Native Americans and how monuments reflect the history of Native Americans in the United States of America.

.50 elective social studies credit

1 semester, 1 period every other day

GEOGRAPHY II: Grades 11-12

Geography 2 is a high school course that explores the world through the lens of regional human geography. Students examine major world regions—including North America, South America, Europe, Sub-Saharan Africa, the Middle East and North Africa, South Asia, East Asia, Southeast Asia, and Oceania—to understand how people interact with their environments and shape the cultural, political, and economic landscapes of each area. For every region, students investigate physical geography (landforms, climate, natural resources), culture (language, religion, traditions), demographics (population patterns, migration, urbanization), and current events. Through map analysis, case studies, and discussions of global issues, students develop critical thinking skills and a deeper understanding of how geography influences global connections and challenges.

.50 elective social studies credit

1 semester, 1 period every other day

ECONOMICS: Grades 11-12

Economics is a social science that focuses on the production, distribution, and consumption of goods and services, and analyzes the choices that individuals, businesses, governments, and nations make to allocate resources. Characteristics of the market economy of the United States and its function in the world will be explored. Students will learn methods of applying economics to one's life.

.50 elective social studies credit

1 semester, 1 period every other day

CE PSYCHOLOGY 1010: Grades 11-12

Prerequisites: 3.0 GPA.

This course offers an introductory survey of general psychology theories and concepts with an emphasis on the scientific study of human behaviors and applications in daily life. It is a concurrent enrollment course offered through Snow College.

.50 elective social studies credit

1 semester, 1 period every other day

CE SOCIOLOGY 1010: Grades 11-12

Prerequisites: 3.0 GPA.

SOC 1010 introduces students to the discipline of sociology and its unifying objective of linking broad cultural and

institutional social forces to personal experiences and human behavior. Using sociological theories and research methods, an examination will be given to various sociological perspectives and topics such as culture, family, gender, ethnicity, crime, etc. This is a concurrent enrollment course offered through Snow College.

.50 elective social studies credit

1 semester, 1 period every other day

CE CRIMINAL JUSTICE 1010: Grades 11-12

Prerequisites: 3.0 GPA.

This course will explore the history, processes, and functions of the American Criminal Justice System. This will include law enforcement, the courts, corrections, and the basic theories and procedures of criminal justice in America and its impact on Human Behavior. This is a concurrent enrollment course offered through Snow College.

.50 elective social studies credit

1 semester, 1 period every other day

FINANCIAL LITERACY

-Students need to take Financial Literacy to fulfill graduation requirements. They may take the CE version through Snow College IVC.

-Mathematics and Personal Finance no longer fulfills the Financial Literacy graduation requirement.

FINANCIAL LITERACY: Grade 11 or 12

Prerequisites: 3.0 GPA.

Designed to implement the ideas, concepts, knowledge, and skills to enable students to apply necessary decision-making skills in the areas of being wise consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.

.50 State-required credit

1 semester, 1 period every other day

CE FINANCIAL LITERACY, BUSINESS 1210: Grades 11-12

Prerequisites: 3.0 GPA.

This course will introduce personal and consumer financial concepts and give students basic tools to make sound financial decisions in today's society based on economic trends and research. This is a practical course in personal money management consisting of financial planning, including career choices, budgeting, planning for retirement, financing a home and automobile, and understanding consumer credit, taxes, insurance, and investments. Students will use basic math skills as well as read, write, and think critically. This is a concurrent enrollment course offered through Snow College.

.50 State-required credit

1 semester, 1 period every other day

DIGITAL LITERACY

-Students need to take one of the following .50 credit digital literacy courses to fulfill graduation requirements.

DIGITAL BUSINESS APPS (DBA): Grade 9-12

This class will use multiple apps to communicate - digital images, audio, video, and collaboration. Students will learn to effectively communicate digitally and be an asset to the innovative business world of today and tomorrow.

.50 Digital Literacy Requirement, or CTE, or Elective Credit

1 semester for 1 period every other day

BUSINESS OFFICE SPECIALIST: Grades 9-12

Completion of this course comes with a Microsoft Office Specialist (MOS) certificate. This class covers Microsoft Word and Excel in depth to promote skills to effectively and efficiently use Microsoft in any setting. This class has the privilege to take the MOS test which is an industry test and recognized globally.

.50 Digital Literacy Requirement, or CTE, or Elective Credit

1 semester for 1 period every other day

COMPUTER SCIENCE PRINCIPLES: Grades 9-12

Computer Science Principles introduces students to the breadth of the field of 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.

.50 Digital Literacy Requirement, or CTE, or Elective Credit

1 semester for 1 period every other day

SSHS CTE Classes

-Students need to take 2 credits of Career and Technical Education classes to fulfill graduation requirements.

Agriculture

AGRICULTURAL SYSTEMS & TECH I: Grades 9-12

An instructional course that prepares individuals in the use of current welding processes using arc welding and oxy-acetylene welding. Additional units which will be covered: Plumbing, Electrical, Small Engines, and CNC Plasma. The fabrication and assembling of metal parts according to diagrams, blueprints, and written specifications. Work ethics and productivity are an integral part of the classroom and lab activities of this course.

CTE credit

2 semesters

AGRICULTURE SYSTEMS & TECH II: Grades 10-12

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. Note: This course builds on knowledge and skills developed in Agricultural Systems and Technology.

CTE credit

2 semesters

ADVANCED AGRICULTURE SYSTEMS & TECH III: Grades 11-12

This capstone course is a part of a pathway sequence of courses in agricultural mechanics. This course prepares individuals for employment in careers that repair, maintain, or restore agricultural machinery and equipment. Because of the rigorous nature of this hands-on course it is recommended that enrollment not exceed 16 students.

Prerequisite: Agricultural Systems Technology 1 and Agricultural Systems Technology 2

CTE credit

2 semesters

AGRICULTURE SCIENCE I: Grades 9-12

Prerequisites: None

This course covers the foundation for courses in animal science, plant science, introduction to veterinary science, natural resources, agriculture systems and technology, food science, agribusiness, personal and leadership development, and agricultural career awareness.

1.0 Applied Science credit or CTE credit

2 semesters

ANIMAL SCIENCE I: Grades 9-12

Prerequisites: Animal Science IA

The course covers the production skills of cattle, sheep, swine, horses, and poultry. An in-depth study of each group will include feeding and nutrition, selecting and evaluation, health care, and veterinary skills, as well as management and marketing. FFA activities will be included. This course will fill .50 Science credit or .50

1.0 Applied Science credit or CTE credit

2 semesters

ANIMAL SCIENCE II: Grades 10-12

Prerequisites: Animal Science I

Students will develop knowledge and skills in a wide range of animal agriculture principles, including anatomy and physiology, health maintenance, waste disposal, and facilities. The efficient production and effective management of selected animal enterprises are covered, including beef and dairy cattle, swine, sheep and goats, poultry, and equine. Practices in veterinary medicine and those associated with small animal care are included.

1.0 Applied Science credit or CTE credit

2 semesters

WOODS 1 (Beginning WOODWORKING): Grades 9-10

The first instructional course that stresses and prepares students in the safe use of a variety of woodworking tools and machinery. The students will build a wood project to take home.

.5 CTE credit

1 semester, 1 period every other day

WOODS 2 CE (TECO 1205): Grades 10-12

Prerequisite: Woods 1

The second course stresses the safe use of trade hand and power tools and machinery used in the production of millwork items. The students will learn how Kitchen Cabinets are constructed and finished. The student will build a wood project to take home.

.5 CTE credit

Optional Snow College 3.0 Credit Concurrent Enrollment (see Mr. Kidder) 1 semester, 1 period every other day

WOODS 3: Grades 11-12

Prerequisite: Woods 1 and 2

The third instructional course stresses the safe use of a variety of hand and power tools and machinery. The students will learn furniture design, assemble and finish furniture articles. The students will build a wood project to take home.

1.0 CTE credit.

2 semesters, 1 period every other day

CONSTRUCTION TRADES FOUNDATION: Grades 10-12

Prerequisite: Woods 1

An introduction to Carpentry that prepares students to layout, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. Includes instruction in common systems of framing, construction materials, blueprint reading, and construction math.

.50 CTE credit.

1 semester, 1 period every other day

RESIDENTIAL CONSTRUCTION 1 CE (CM 1210) Concurrent Enrollment: Grades 10-12

Students need to complete prerequisite Construction Trades Foundation. This is the first in a sequence of courses that prepares individuals to layout, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. Includes instruction in common systems of framing, construction materials, blueprint reading, concrete placing, siding, and mechanical systems.

.50 CTE credit

Optional Snow College 3.0 Credit Concurrent Enrollment (see Mr. Kidder) 1 semester, 1 period every other day

BUSINESS

DIGITAL BUSINESS APPS (DBA): Grade 9-12

This class will use multiple apps to communicate - digital images, audio, video, and collaboration. Students will learn to effectively communicate digitally and be an asset to the innovative business world of today and tomorrow.

.50 Digital Literacy Requirement, or CTE, or Elective Credit

1 semester for 1 period every other day

BUSINESS OFFICE SPECIALIST: Grades 9-12

Completion of this course comes with a Microsoft Office Specialist (MOS) certificate. This class covers Microsoft Word and Excel in depth to promote skills to effectively and efficiently use Microsoft in any setting. This class has the privilege to take the MOS test which is an industry test and recognized globally.

.50 Digital Literacy Requirement, or CTE, or Elective Credit

1 semester for 1 period every other day

BUSINESS MANAGEMENT: Grades 9-12

Management plays a role in any future employment. Students will learn the four basic functions of management: planning, organizing, directing, and controlling. This class includes interaction with local businesses sharing their management strategies.

.50 CTE, or Elective Credit

1 semester for 1 period every other day

SPORTS MARKETING: Grades 9-12

Students will gain an understanding of what it takes to run a sport or entertainment event, as well as explore the many careers that fit under the big umbrella of sports and entertainment marketing. This class has guest speakers.

.50 CTE, or Elective Credit

1 semester for 1 period every other day

ENTREPRENEURSHIP: Grades 9-12

This course covers the traits and characteristics of successful entrepreneurs. This class is packed with lots of real-life stories of successful entrepreneurs.

.50 CTE Credit

1 semester for 1 period every other day

BUSINESS COMMUNICATIONS: Grades 11-12

This course is designed to teach students how to communicate in a clear, courteous, concise, complete, and correct manner on both the personal and professional levels. These durable skills will prepare students for future education, career, and other aspects of life in which they pursue.

.50 CTE, or Elective Credit, or 4th year LA

1 semester for 1 period every other day

ACCOUNTING 1: Grades 11-12

Students will develop skills beginning with an understanding of the basic elements and concepts of double-entry accounting systems related to service businesses organized as a sole proprietorship. Skills include understanding the accounting equation, analyzing business transactions, entering transactions in journals, posting to ledgers, compiling end-of-period financial statements, preparing closing entries, and managing cash. This course is intended to be taken with Accounting II the following semester.

.50 CTE, or Applied Math, or Elective Credit

1 semester for 1 period every other day

INVESTMENT AND WEALTH MANAGEMENT: Grades 10-12

This course is designed to teach students the basics of investing and finance. Strands will cover compound interest, risk analysis, financial statement analysis, asset valuation, financial markets, stock valuations, working capital management, investment vehicles, and emerging trends in investing. Students will also be encouraged to explore the accounting and finance pathway and the many career opportunities in investing and finance management.

.50 CTE, or Elective Credit

1 semester for 1 period every other day

FAMILY AND CONSUMER SCIENCES

CHILD DEVELOPMENT: Grades 9-12

Students will understand the aspects of child growth and development, positive guidance techniques, and child-related issues.

.50 CTE or Elective credit.

1 semester

EARLY CHILDHOOD EDUCATION 1: Grades 9-12

This course introduces students to child related careers at the Child Development Associate Credential.

Instruction is given regarding developmentally appropriate practices and curriculum and facility design for young children.

.50 CTE, or Elective credit.

1 semester

EARLY CHILDHOOD EDUCATION 2: Grades 10-12

Prerequisite: Early Childhood Education 1

This semester course provides students an opportunity to work with children in a professional lab setting.

Instructions given include: applying developmentally appropriate practices (DAP) and teaching lessons to children, maintaining a healthy environment for children, and developing positive relationships with children.

On-site lab experiences will be a major component of the course. Students will continue preparing for the Child Development Associate Credential (CDA).

.50 CTE, or Elective credit.

1 semester

INTERIOR DESIGN 1: Grades 10-12

This course explores the field of interior design through engaging learning activities. Identification and use of the elements and principles of design are emphasized. Other topics are furniture arrangement, floor plan evaluation, space planning, and design related careers.

.50 CTE, or Elective credit.

1 semester

FOODS 1: Grades 9-12

This course is designed to focus on the science of food and nutrition. Experiences will include food safety and sanitation, culinary technology, food preparation and dietary analysis to develop a healthy lifestyle with pathways to career readiness. The study and application of nutrition, sanitation, and food science and technology in this course provides students with laboratory-based experiences.

.50 CTE, or Elective credit.

1 semester

CULINARY 1: Grades 10-12

Prerequisite: Foods 1

This course is the second step in the culinary arts pathway. Experiences will highlight food safety and sanitation, careers, introduce knife skills, cooking techniques, and basic culinary skills related to stocks, sauces, and yeast breads.

.50 CTE, or Elective credit.

1 semester

DIETETICS AND NUTRITION: Grades 10-12

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

.50 CTE, or Elective credit.

1 semester

SEWING 1: Grades 9-12

This course introduces students to basic apparel design and construction skills. These skills prepare students for the exciting global apparel industry and entrepreneurial opportunities. Students will sew apparel and accessory items.

.50 CTE, or Elective credit.

1 semester

SEWING 2: Grades 10-12

Prerequisite: Sewing 1

Students will further strengthen and broaden apparel design and production techniques. In this course they design and construct intermediate level projects using various construction techniques. These skills prepare students for the exciting global apparel industry and entrepreneurial opportunities.

.50 CTE, or Elective credit.

1 semester

SEWING 3: Grades 11-12

Prerequisite: Sewing 1 and Sewing 2

This course provides students with apparel or interior design opportunities using soft goods/textiles and construction/production skills which focus on entrepreneurial opportunities and careers in design fields. Experiences include pattern design, apparel design & construction, fitting & alteration, and interior design projects.

.50 CTE, or Elective credit.

1 semester

TEACHING AS A PROFESSION 1: Grades 11-12

A course designed to introduce students to the role and positive influence of an effective educator. Students will explore various careers in education and develop employability skills to become a successful professional. Students will understand the value of multiculturalism and diversity in the classroom and how it enhances individual student learning. Students will identify instructional strategies and understand the role of technology and feedback in student engagement.

.50 CTE, or Elective credit.

1 semester

CE INTRO TO EDUCATION (EDUC 1010): Grades 11-12

Prerequisite: Teaching as a Profession

The primary focus of this course is to educate students on the attributes of an effective professional teacher and also introduces the field of Education. Opportunities for assessment of personal qualifications are provided through self-analysis, discussion and experience as an observer/aide for a minimum of 24 hours in public school classrooms. This course also includes discussions of the history of American education, and the roles of various professionals engaged in education. It is offered as concurrent enrollment through Snow College.

.50 CTE, or Elective credit.

1 semester, 1 period

Health Science

INTRO TO HEALTH SCIENCE (Intro to Medicine): Grades 9-12

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/Physiology course and/or for a variety of health technology programs.

.50 CTE or elective credit

1 semester, 1 period

EXERCISE SCIENCE/SPORTS MEDICINE: Grades 10-12

This 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.

1.0 CTE or elective credit

2 semesters, 1 period

CE INTRO TO MEDICAL TERMINOLOGY: Grades 11-12

Medical Terminology is a one-semester course that helps students understand the Greek- and Latin-based language of medicine and healthcare. Emphasis is placed upon word roots, suffixes, prefixes, abbreviations, symbols, anatomical terms, and terms associated with movements of the human body. This course also stresses the proper pronunciation, spelling, and usage of medical terminology. This class is helpful to anyone considering going into science or the healthcare field.

This course is a Utah Career Technology Education (CTE) course and students who complete skills requirements may receive associated certification in Medical Terminology. This course offers 2 semester college credits through Snow College.

.5 CTE or elective credit

1 semester, every other day

EMR: Grades 11-12

Prerequisite: Biology. Medical Terminology & Intro to Health Science are recommended.

A comprehensive training course designed for today's professional first responders. This hands-on, scenario-based training provides the skills you need to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until more advanced medical personnel take over. Exceeds EMS Educational Standards. Updated to reflect the latest science. This course is designed to prepare you to take the National Registry Exam for First Responder/EMR and helps to meet entry requirements for most fire technology and EMT programs.

.50 CTE or elective credit

1 semester, 1 period

Other CTE Courses

***CTE INTERNSHIP - RELATED WORK-BASED LEARNING: Grade 12**

Prerequisites: 1-2 related CTE courses in pathway; completed online application and required paperwork completed by deadline to JaLee Alger; minimum 2.0 GPA

This course will be approved by the Work-Based Learning and advisement teams for seniors who are on track for graduation ONLY. A maximum of two credits can be earned for internships during a student's high school experience. 0.5 credit will be applied toward completion of a pathway with the other credits listed as electives. If a student is completing more than one pathway, multiple internships may be required to complete the pathway. Note: not all pathways require an internship for completion. Maximum of two periods per semester. These credits are earned for internship hours completed during the school day. A minimum of 40 internship hours per class enrolled, completed LinkedIn/digital portfolio, and class assignments will be required to earn a letter grade in this course. An online application and agreement paperwork must be completed by deadlines to be considered for an internship. The internship site must be approved by the WBL team before the summer break for fall interns and before winter break for spring interns. Internships are not "work study" or "home release" and may not be completed as an extension of a student's current employment or with family members.

LAW ENFORCEMENT: Grades 10-12

Designed to enable students to understand law enforcement history, crime awareness, and causes of crime. Students will be able to understand the law, criminal justice system, and trials proceedings. They will be able to understand the corrections system and juvenile justice. They will be able to understand the arrest procedures, policies and ethics of law enforcement officers, and law enforcement activities. They will be able to understand traffic investigations and evidence collection and handling. Students will be able to understand patrol tactics and investigative work. They will be able to understand law enforcement as an occupation.

SEVIER CTE CENTER

VETERINARY ASSISTANT I: Grades 10-12

Prerequisites: Animal Science or Biology

Students will learn about animal anatomy, physiology, health and diseases. Students will learn basic bandaging, wound care, oral care, and general nursing care. Students will participate in dissection labs and field trips. Taught by Dr. Despain

1.0 CTE or elective credit

1 semester, fall

VETERINARY ASSISTANT II: GRADES 10-12

Prerequisites: Veterinary Assistant I.

This course is designed for students who have previously taken the Veterinary Assisting course and wish to further their education and training in the veterinary field. The Veterinary Technician course expands student knowledge, reinforces skills previously learned, and builds proficiency in highly scientific areas, such as pharmacology, anesthesiology, radiology and imaging, fluid therapy, and critical care nursing. Taught by Dr. Despain

1.0 CTE or elective credit

1 semester, spring

WILDLAND FIRE: Grade 12

12 graders only. This course is designed to meet the Wildland Firefighter knowledge and skill requirements for NFPA 1051, Wildland Firefighter Professional Qualifications. The course teaches students to recognize the "situation that shout Watchout", apply the appropriate Standard Fire Orders and how to deploy a fire shelter. It includes orientation to the Incident Command System. It teaches basic fireline construction, fire weather, and fire behavior. Each subject covered in this course meets and/or exceeds National Wildfire Coordinating Group (NWCG) standard for the following classes: S-130, S-190, I100, and L0180. Taught by Kelly Peterson

1.0 CTE, or Elective Credit

1 semester for 2 consecutive periods

ACCOUNTING 2 / CE BUSINESS 1060 Grades 11-12

Prerequisite: Accounting 1

This course teaches basic accounting concepts and simple automated accounting methods for recording business transactions and maintaining necessary financial reports by using Quickbooks. This class should be taken by anyone wanting to own their own business. Taught by Janell Johansen

1.0 CTE, or Applied Math, or Elective Credit

1 semester for 2 consecutive periods

BUSINESS CAPSTONE: Grades 11-12

Prerequisite: Must be completing a business CTE pathway

The purpose of this course is to research and solve real world business needs. This course is designed for advanced business students to think analytically, logically, and creatively to integrate experience and knowledge in real world situations. Taught by Mr. Jason Talley

1.0 CTE credit

1 semester for 2 consecutive periods

FLORICULTURE AND GREENHOUSE MANAGEMENT: Grades 9-12

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. Taught by Sally Nowers

1.0 CTE.

1 semester for 2 consecutive periods

LANDSCAPE DESIGN AND NURSERY OPERATION: Grades 9-12

Students will develop knowledge and skills in nursey 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. Taught by Sally Nowers

1.0 CTE.

1 semester for 2 consecutive periods

ADVANCED FLORICULTURE: Grades 10-12

Prerequisite: Floriculture & Greenhouse Management.

Students will continue to build upon floral design principles with an increased capacity in business management, advanced floral mechanics/ structure, and advanced event planning (wedding, funeral, banquet, corporate event, etc.) Students will be able to demonstrate critical thinking and communication skills by interviewing, interpreting, planning, and implementing consumer requests with design work that's esthetically pleasing to the client. Taught by Sally Nowers

1.0 CTE.

1 semester for 2 consecutive periods

MEDICAL FORENSICS: Grades 11-12

Prerequisite: Biology

Medical Forensics is a class designed to give a basic training in collecting, interpreting, and processing evidence recovered at a crime scene. All of the advances in the various types of technology that help us solve crimes exist in the realm of laboratory sciences. In this class, you will learn how to process a crime scene and all of its evidence. You will study how different types of evidence are processed and handled in a lab setting. Some of the types of evidence we will learn about are: blood spatter, fingerprinting, trace evidence (hairs, fibers, and micro-organisms), forensics anthropology (bone and remains), the cycle and process of decay after death, the process of autopsy, pathology and drugs, and of course DNA technology. Taught by Alisa Dastrup

1.0 CTE, or Applied Science credit.

1 semester, 2 consecutive periods every other day

HEALTH SCIENCE CAPSTONE: Grades 11-12

Prerequisite: 2 credits in the health science pathway

The purpose of this course is to research and solve real world health science needs. This is done by working closely with industry leaders. This is a project based learning course that encourages students to think analytically, logically, and creatively to integrate their experience and knowledge that they have gained from their time in the Health Science Pathway. Taught by Brennon Schweikart

1.0 CTE

1 semester, 2 consecutive periods every other day

EMERGENCY MEDICAL TECHNICIAN (EMT): Grade 12

Prerequisite: Must be 18 within 120 days of completing the course.

Recommended: Biology, Anatomy & Physiology, Intro to Health Science, or Emergency Medical Responder

This is an intensive course in pre-hospital emergency care that is in compliance with the National EMS Education Standards and Utah State Bureau of Emergency Medical Services for EMT. Students successfully completing this course may be eligible for state certification as an EMT. Students will successfully complete all requirements for National Registry EMT Certification. This course is designed to provide the student with advanced instruction to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include anatomy and physiology, disease processes, assessment and patient stabilization, proper use of equipment such as automated external defibrillators, blood glucose monitors, airway adjuncts, extrication, ambulance protocols, and practical skills sessions. Reinforced are legal, ethical, medical, and cultural issues, scope of practice, documentation and communication skills, and infection control.

1.0 CTE, or Elective credit.

1 semester, 2 consecutive periods every other day

BIOTECHNOLOGY: Grades 11-12

Prerequisite: Biology

This is a lab based class. Students will be in the lab every day learning biotechnology techniques and concepts such as: growing bacteria on petri plates, DNA isolation and manipulation, protein isolation and manipulation, genetics, forensics, crime scene investigation, and bioinformatics. Students will perform experiments using the latest in biotech equipment and keep a lab book. Taught by Kelly Peterson

1.0 CTE, or Elective credit.

1 semester, 2 consecutive periods every other day

COMMERCIAL PHOTOGRAPHY 1 & 2: Grades 10-12

This course is designed for students to develop their skills and knowledge towards a professional level of competency in commercial photography. Students will develop knowledge and skills in the following areas: technical camera work, composition, digital editing and manipulation, Adobe Photoshop, Adobe lightroom, connecting with the community through real-world experiences, development of a professional portfolio, and workplace skills. Taught by Dustyn Allen

1.0 CTE Credit

1 semester, 2 consecutive periods

ENGINEERING TECH & MECHANICAL DRAFTING: Grades 9-12

Mechanical Design 1 introduces students to the fundamental principles and practices of mechanical design. This course emphasizes the integration of engineering concepts with creative problem-solving techniques to develop functional, efficient, and innovative mechanical systems. Through a combination of theoretical foundations and practical applications, students will explore key aspects of the design process, including conceptualization, analysis, and prototype development. Key Topics: Design methodology and the engineering design process;

Materials selection and properties; Basic mechanics of materials; Structural analysis and loading conditions; CAD (Computer-Aided Design) tools for design visualization; Design for manufacturability and assembly; Introduction to machine elements (gears, bearings, fasteners); Prototyping and testing methodologies. Learning Outcomes: Upon successful completion of this course, students will be able to: Apply the engineering design process to develop innovative solutions to mechanical problems. Analyze and select appropriate materials and components based on mechanical properties and performance criteria. Utilize CAD software to create and interpret engineering drawings and models. Collaborate effectively in teams to produce design solutions and present technical information clearly. Assessment Methods: Assessment will include design projects, CAD assignments, quizzes, and a final exam, with an emphasis on hands-on learning and teamwork. Who Should Enroll: This course is ideal for undergraduate engineering students specializing in mechanical engineering, as well as those interested in pursuing careers in product design, manufacturing, and related fields. Join us in Mechanical Design 1 to start your journey into the exciting world of engineering design and innovation! Taught by Jason Edwards

1.0 CTE credit

1 semester for 2 periods every other day.

PRINCIPLES OF ENGINEERING (ENGINEERING DESIGN 1 & 2): Grades 10-12

Prerequisite: Engineering Tech & Mechanical Drafting.

Engineering Principles is a hands on and minds on applied math and science based learning experience. Activities are designed to explore and learn the classical engineering fields of Mechanical, Civil, Computer, Electrical, and Chemical. Students develop understanding of basic mechanical systems, electrical circuits, work/power/energy, truss force design, and more! Taught by Eric Thorson

1.0 CTE credit

1 semester for 2 periods every other day

ENGINEERING DESIGN AND DEVELOPMENT (CAPSTONE): Grades 11-12

Prerequisite: Prerequisite Engineering Principles 1 & 2.

In this capstone course, students work in teams to develop an original solution to an authentic open-ended technical problem by applying the engineering design process and engineering principles. Each team will design, build, and test their solution. Student teams present and defend their solution to an outside panel. Taught by Eric Thorson

1.0 CTE credit

1 semester for 2 periods every other day.

ROBOTICS: Grades 10-12

Students learn to design, build, program, and control robotic devices. A rigorous study and application of electrical concepts include: sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators. Engineering concepts will include: mechanical design, prototype development, design testing, programming, and proper engineering documentation. Taught by Eric Thorson

1.0 CTE credit

1 semester for 2 periods every other day.

ELECTRONICS 1 & 2: Grades 10-12

This is a class for any student wanting to go into a career where electronics are used. Auto or diesel mechanics, welding, industrial technologies, and computer information systems. This course prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, and manufacturing. Instruction includes training in electrical safety, electrical theory, parallel and series circuits, Kirchoff's Laws, schematic diagrams, electrical components, and soldering. Instruction includes training in DC circuits, digital devices and logic circuits. Taught by Eric Thorson

1.0 CTE credit

1 semester for 2 periods back to back

GAME DEVELOPMENT 1 & 2: Grades 9-12

It is recommended to take a computer science class or Digital Media 1 or Commercial Art or Art Foundations or Drawing; This course is designed to provide students with knowledge and hands-on experience of fundamental gaming development concepts. These concepts include game design, scripting, creation of digital assets, graphic resources, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management. This is all done through exploring, experimenting, studying and building video games. Taught by Dustyn Allen.

1.0 CTE Credit

1 semester, 2 consecutive periods

COMPUTER PROGRAMMING 1 & 2: Grades 10-12

Prerequisite Gaming or CS class

Computer Programming 1 introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. The teacher introduces basic coding concepts & problem-solving skills. Computer Programming 2 introduces students to more advanced programming languages such as Java, Python, C++, or C#. Taught by Dustyn Allen.

1.0 CTE Credit

1 semester, 2 consecutive periods

DIGITAL MEDIA 1 & 2: Grades 9-12

Digital Media is the process of analyzing, designing, and developing interactive media. In Digital Media 1 students will create and learn digital media applications while using elements of text, graphics and digital imaging for various formats related to the graphic design industry. In Digital Media 2 students will continue to create and learn digital media applications while focusing on elements of animation, audio, video, and digital imaging for various formats. These abilities will prepare students for entry-level multimedia positions. Taught by Dustyn Allen

1.0 Fine Art, or CTE Credit.

1 semester, 2 consecutive periods

CTE Center

NATURAL RESOURCES II CE: Grades 11-12 graders NR 1010.

Prerequisite Natural Resources I.

This is a college class located on Snow College Richfield campus. Students will be required to sign up for concurrent enrollment through Snow College. Students will participate in a two hour lab each Monday during class. Students will be transported to a designated outdoor location for the lab. Lectures, including guest speakers, will be on Wednesday each week. Other activities such as GPS/GIS will also take place on Wednesday in the Washburn building on Snow Richfield campus. Taught by Snow College Professor Ryan Thalman.

MISCELLANEOUS COURSES

ATHLETIC SKILLS DEVELOPMENT: Must participate in a school sport

This course is designed specifically for advanced athletic conditioning, intense sequence lifting, aerobic and anaerobic training in conditioning and weight training. Students taking the course are expected to participate in South Sevier High School sanctioned competitive athletics and expect intense physical training each session.

.50 Elective credit. Does NOT count for PE credit.

1 semester, 1 period every other day

***OFFICE ASSISTANT/TEACHER ASSISTANT: Grade 12**

This is a semester course where students gain experience working in the main office or with a teacher. Good attendance is essential as is reliability, trustworthiness, and integrity. Prior approval must be obtained from a teacher and counselor. The application form may be picked up in the counseling office. No more than 1 aide period may be taken during a student's high school career. **Prerequisite:** Obtain permission from the office.

.50 elective credit

1 semester

***PEER TUTOR: Grades 9-12**

This course is designed for students to assist students in the special education program. It is a unique learning experience in which peer tutors will have daily opportunities to develop positive attitudes and relationships with students with disabilities. Peer tutors will tutor students with disabilities in academics, personal management, money, job skills, social skills, behavior, and other life skills. Peer tutors will be positive role models, and advocates for each student in the special education program. This is an extraordinary opportunity for the peer tutors and for the special education students they will be working with. Obtain permission in the counseling office.

.50 elective credit

1 semester

STUDY HALL: Grades 9-12

This course is a Pass/Fail course dedicated to help students achieve “academic greatness” by giving them an extra period of quiet continuous study time to complete work from other classes. A successful student shall demonstrate the ability to use the time wisely to work on homework, papers, or projects from other classes. Students will be expected to have homework to do or a book to read. Students will have grades checked by the teacher every 5 days to monitor their success.

ACT PREP STUDY HALL: Grades 10-11

This course is designed to help students identify their strengths and weaknesses, become familiar with ACT question types and subject areas, and boost their performance in English, Math, Reading, and Science Reasoning.

RAM ACADEMY/CHARACTER EDUCATION: Required for all freshmen

This course is designed to support students as they transition into high school by developing the character, skills, and habits needed for both academic and personal success. Through guided discussions, real-life scenarios, and reflective activities, students explore and apply topics in the 7 Habits of Highly Effective Teens book.

SNOW COLLEGE GENERAL EDUCATION COURSES: Grades 11-12

Prerequisite: 3.0 GPA

Visit with Mrs. Johnson or Mrs. Mills for help with registration.

SNOW COLLEGE TECHNICAL EDUCATION COURSES: Grades 11-12

Prerequisite: 2.5 GPA. Talk with Mrs. Johnson, your school counselor.

CNA, COSMETOLOGY, HVAC, COMPOSITES, COMPUTER INFO SYSTEMS, INDUSTRIAL TECHNOLOGY, MACHINE TOOL, WELDING. These classes require a permission form to register. You can pick a form up in the counseling office.

AUTOMOTIVE AND DIESEL MECHANICS do not require a permission form.

1.0 CTE or elective credits. College credit varies depending on the class.