

20

SOUTH SEVIER



Course Offerings 2023-2024

- * REQUIRED CLASSES
- ** CONCURRENT CLASSES

REQUIRED CLASSES

9TH grade required:

Language Arts 9 A & B
Secondary Math 1 A & B or Honors Secondary Math 1 A & B
Secondary Math 1 lab A & B or Honors Secondary Math 1 lab A & B
Geography 9
Core Science- Earth Systems A & B
Business Office Specialist
PE Skills (co-ed)

Suggested:

Art Credit (Commercial Art 1 or Music Class)

10TH grade required:

Language Arts 10 A & B
Secondary Math 2 A & B or Honors Secondary Math 2 A & B
Secondary Math 2 lab A & B
World Civilizations
Fitness for Life
Health
Core Science- Biology A & B or Agriculture Biology A & B

11TH grade required:

Language Arts 11 A & B

Secondary Math 3, Accounting, or Math of Personal Finance

US History

Financial Literacy or a class that waives this requirement

Highly Recommended:

Chemistry or another science class

12TH grade required:

Language Arts 12, English 1010, or other English credit (1 credit)

Government and Citizenship

Suggested:

Math class, Ed Net classes, CTE center, and Snow Richfield.

To be a fulltime student at SSHS, you must be enrolled in a minimum of 8 classes per semester.

Pathways:

As students move through their high school career, it is important that they consider possible career and educational pathways. By doing so early in their high school career, it makes it easier to custom-design a program that will best meet their goals. Please refer to the South Sevier High School Pathways website for more information.

The website may be found at:

<https://sites.google.com/seviersd.org/sciencepathways/home?authuser=1>

MATH CLASSES

Graduation Requirements: 3 math credits.

***Secondary Mathematics I** **9th grade class**

~1 full year (2 semesters) fills 1 math credit.

Optional - calculator available for rent for \$10 per semester.

Secondary Mathematics I integrates algebra, geometry and statistics. The focus of this course is to deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and also by applying linear models to data that exhibit a linear trend.

***Secondary Mathematics II** **10th grade**

~1 full year (2 semesters) fills 1 math credit.

Optional - calculator available for rent for \$10 per semester.

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.

***Secondary Mathematics III** **11th grade**

~1 full year (2 semesters) fills 1 math credit.

Optional - calculator available for rent for \$10 per semester.

It is in Mathematics III that students pull together and apply the accumulation of learning that they have from their previous courses. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.

***Math labs** **9th-10th grade**

~1 full year (2 semesters) fills 1 elective credit

All students taking Secondary Math I, Secondary Math I Honors, Secondary Math II, CE Math 1050, and CE Math 1040 must also register for the lab.

Accounting I

11th – 12th grade

~½ year (1 semester) fills .5 CTE or .5 math credit

Prerequisites: 11th grade and above, sophomores with permission. Fee \$15

Students will be able to:

- Use practical application of accounting terminology and concepts.
- Use Chart of accounts to identify debit or credit accounts
- Analyze transactions
- Journalize business transactions using source documents
- Prepare Trial Balances
- Prepare Income Statement and Balance Sheet
- Journalize post closing entries
- Bank Reconciliation

Accounting II

~½ year (1 semester) fills .5 CTE or .5 math credit

Prerequisites: Accounting I. 11th grade and above, sophomores with permission. \$15 fee

- Students will develop advanced skills that build upon those acquired in Accounting I. Students continue applying concepts of double-entry accounting systems related to merchandising businesses. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating and recording adjusting entries, and interpreting financial information.

Mathematics of Personal Finance

11th – 12th grade

~1 full year (2 semesters) fills 1 math credit and waives the financial literacy requirement. Must take and pass the full year for regular financial literacy class to be waived.

Prerequisite: Successful completion of Secondary Math I and Secondary Math II

The Mathematics of Personal Finance Core is designed for junior and senior students and represents those standards of learning that are essential and necessary for all students. The implementation of the ideas, concepts, knowledge, and skills contained in the Mathematics of Personal Finance Core will enable students to implement the mathematical and decision-making skills they must apply and use to become wise and knowledgeable

consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.

Math Intervention

****CE MATH 1030 Quantitative Literacy (Offered via Ed-Net) 12th grade**

Prerequisites: Secondary Math I,II, and III, No grade lower than a C in any of these courses OR math ACT score of 21

~ ½ year (1 semester) fills .5 high school math credit, and 3 college semester hours.

This course provides an introduction to mathematical modeling and problem solving utilizing algebra, discrete mathematics, geometry and statistics.

Furthermore, students will examine some of the greatest ideas of humankind – ideas comparable to the works of Shakespeare, Plato, and Michelangelo.

Imagination, creativity, and sound logic will all be crucial components of these mathematical explorations. The overarching theme of the course is to gain a deeper understanding and appreciation for math and its many applications to the world around us.

****CE MATH 1040 Introduction to Statistics 12th grade**

Prerequisites: Secondary Math I,II, and III, No grade lower than a C in any of these courses OR math ACT score of 22

~ ½ year (1 semester) fills .5 high school math credit, and 3 college semester hours. *Must be taken with lab.*

Introduction to Statistics is an elementary introduction to the nature of statistical reasoning. Topics to be covered include descriptive statistics, sampling and data collection, basic probability, sampling distribution, and introduction to inference including confidence intervals and hypothesis testing. A graphing calculator is required for this course.

****CE MATH 1050 College Algebra 12th grade**

Prerequisites: Secondary Math III, Math ACT score of 23 required or 46 or better on Aleks Placement Test

~ ½ year (1 semester) fills .5 high school math credit, and 4 college semester hours. *Must be taken with lab.*

A study of the real number system, logarithms, systems of equations, complex numbers, theory of equation, matrices, progressions and the binomial theorem.

LANGUAGE ARTS CLASSES

(Must have 4 credits in Language Arts)

***English 9**

9th grade

~1 full year (2 semesters) fills 1 English credit

Develop reading, writing and language skills while producing narrative, informative and argumentative writing. Required for graduation.

***English 10**

10th grade

~1 full year (2 semesters) fills 1 English credit.

Further develop reading, writing and language skills while producing narrative, informative and argumentative writing. Required for graduation.

***English 11**

11th grade

~1 full year (2 semesters) fills 1 English credit.

This is a college/university preparation course that helps students sharpen the reading, writing and language skills they will need in college.

***English 12**

12th grade

~1 full year (2 semesters) fills 1 English credit.

This is a college/university preparation course that helps students sharpen the reading, writing and language skills they will need in college. Utah's four-year colleges and universities **Strongly Recommend** a fourth year of English.

****CE College English 1010 Expository Composition (College Prep)**

An ACT score of 18 on the English and Reading tests required

~1 full year (2 semesters) fills 1 high school English credit and 3 college semester credits

Prerequisite: must have 3.00 GPA, and 18 ACT score in English and Reading.

This college level course is designed to improve students' abilities to read, analyze, and write expository papers. It will provide opportunities to write and revise a number of essays along with reviewing basic grammar skills and evaluating literature.

Business Communications I & II

11th-12th grade

~½ year (1-2 semester) fills .5 CTE credit or .5 elective credit

or 1.0 4th year Language Arts credit. Fee \$15.

- Students should aim to take both sections I & II.
- Prerequisite: 11th grade and above
- Students will learn to communicate in a clear, courteous, concise, complete, and correct manner on both personal and professional levels. Students will produce a variety of business documents including letters, memos, reports, resumes, job applications, cover letters, etc. Students will develop oral and written communications skills, improve reading & listening skills, create a job portfolio, and practice interviewing and job retention skills.
- Presentation skills covered can be used toward FBLA.

Creative Writing (not offered this year)

10th, 11th and 12th grades

~½ year (1 Semester) fills .5 Elective credit.

The focus of this class will be writing poetry, fiction and nonfiction pieces.

Along with daily journal writing, students will edit and publish their work.

Ultimately, students will experiment with writing in all forms and improve their writing skills.

Reading Intervention

9th - 12th grade

~ ½ year (1 semester) fills .5 Elective credit. A review of Reading Strategies, reading comprehension strategies, and understanding literature concepts.

This class will improve reading and comprehension skills.

Spanish 1

9th – 12th grades

~1 full year (2 semesters) fills 1 elective credit.

Focus on the basics of the Spanish language with instruction on Hispanic culture and traditions. Also focusing on interactive language uses and hands-on interaction with the language.

Spanish 2

10th – 12th grade

~ 1 full year (2 semesters) fills 1 elective credit.

Prerequisites: Spanish 1 passed with a B average

The purpose of this course is to develop and improve your communication skills in Spanish through reading, writing, listening, and speaking, as well as exposing you to Hispanic cultures to help you gain a better appreciation of the world in which you live. You will be continually challenged in this course to communicate better in Spanish. Students will be required to develop

communication skills that reflect an ability to appropriately use Spanish under a variety of conditions.

SCIENCE CLASSES

(Must have 3 credits: 2 Core and 1 elective in Science). **Please refer to Science Pathways for information on**

Earth Science

9th – 12th grade

~1 full year (2 semesters) fills 1 Core Science credit

\$10.00 lab fee per semester

Earth Science is a fascinating exploration into the world above, below, and all around us: Students will explore Earth's interior and crust, analyze atmospheric processes, experiment with dynamics of the hydro (water) sphere, draw connections between our Earth and the people that inhabit it, and investigate scientific evidence about our universe and solar system.

Biology

9TH – 12TH Grades

~ 1 full year (2 semesters) fills 1 Core Science credit

\$10.00 lab fee per semester

This course examines the processes and the functionality of all life within the natural environment. Topics of study include the interactions of living organisms with each other and their environment, cell theory and simple chemistry, functionality and relationships between organs and organ systems of different organisms, Mendelian genetics and DNA structure and function, biological diversity and evolution, and organism classification. This course will also survey the six kingdoms, and will include lecture, laboratories, field experiments, and discussion.

Agriculture Science (Biology)

9th – 12th grade

~ 1 full year (2 semesters) fills 1 Core Science credit

\$10.00 lab fee per semester

Full year class. This is an introductory course for students in agriculture education and is the prerequisite/ foundation course for any other agriculture

class. Topics that are covered include basic animal science and plant science, personal leadership development, and agriculture careers awareness. Through this process the students will develop agriculture literacy.

Chemistry

10th – 12th grade

~ 1 full year (2 semesters) fills 1 Core Science credit

\$10.00 lab fee per semester

For those following a college/university preparation pathway. The purpose of the Utah chemistry core curriculum is to provide the minimum standards for all students to achieve basic scientific literacy in chemistry. Students will investigate: elements and the periodic table, atomic energy, chemical bonding, chemical reactions, and chemical solutions.

****CE Biology (College Biology) (not currently offered) 11th – 12th grade**

~ 1 full year (2 semesters) fills 1 Core Science credit

\$10.00 lab fee per semester

Prerequisites: 11th and 12th grades only, Biology, Chemistry, cumulative GPA of 3.0. Purchase of the college text may be required. If taken for college credit enrollment, a Snow College concurrent enrollment form will need to be completed at the beginning of class.

Advanced Biology is a fundamental course in the underlying principles of life to include the methods of obtaining knowledge (scientific method), molecular components of cellular structures and their functions, genetics and speciation, diversity of living organisms with surveys of the three domains (Bacteria, Archaea, and Eukarya), and an introduction to Ecology and the role of humankind in the Biosphere.

Physical Geology

11th – 12th grade

~ ½ year (1 semesters) fills .5 Elective Science Credit

\$10.00 lab fee per semester

Prerequisites: Earth Science. Basic understanding of algebra is highly recommended.

Physical Geology offers basic and intermediate Geology education and includes the following principles: the Scientific Method with application, the

Geologic Time Scale, basic Chemistry, properties of minerals, mineral and rock classification, the Rock Cycle including Bowen's Reaction Series, Earth's origins and interior, Plate Tectonics, Volcanism, Geologic hazards, Biogeochemical Cycles, fluvial processes, mass wasting, hydrogeology and groundwater principles, oceans and shorelines, glacial landforms, Aeolian features, Economic Geology, and Environmental Geology including renewable and nonrenewable resources. Although no college credit is given for the course, the foundation for the course comes from a typical GEOL 1010 introductory college course.

CE Medical Terminology (NURP1000)

11th – 12th grade

~½ year (1 semester) fills .5 Elective Credit.

\$10.00 lab fee per semester

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. This course is taught at SSHS and at the Sevier CTE Center.

CE Human Biology - BIOL 1050/1055

11th – 12th grade

~ ½ year (1 semester) fills 1 Core Science Credit. 4 college credits (3 lecture, 1 laboratory) \$10.00 lab fee per semester

Completion of the following courses with a B grade or better: Biology and Chemistry. Physics is highly recommended but not required. Overall GPA of 3.0 or higher. **Admittance is by instructor permission only.**

This course is a study of human anatomy and physiology and includes the topics of introductory chemistry, cells, tissues, organs, and organ systems including: skin and integumentary system, skeletal and muscular systems, nervous system, endocrine system, blood and the cardiovascular system, lymphatic system, digestive system, respiratory system, urogenital system,

and the reproductive system.

This course is designed to assist the high school student in preparing for future careers in healthcare, athletics, science, or education. Serious students will gain the same level of understanding of the human body required for nursing, pre-med, pre-vet, and other health sciences. This course gives Snow College credit. Students sign up for BIOL1050 and BIOL1055 concurrently. Fulfills required laboratory science credit in college.

EMR-First Responder (EMR)

11th-12th grade

~ ½ year (1 semester) fills .5 Elective credit.

\$25.00 lab fee per semester

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. 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. This course is taught at SSHS and at the Sevier CTE Center.

Physics

11th – 12th grade

~ 1 full year (2 semesters) fills 1 Core Science credit.

\$10.00 lab fee per semester

Prerequisites: have passed or be also enrolled in secondary math. The physics core curriculum has two primary goals: (1) students will value and use science as a process of obtaining knowledge based on observable evidence, and (2) students' curiosity will be sustained as they develop and refine the abilities associated with scientific inquiry. Students will meet these goals by investigating and experimenting with the motion of objects, forces acting on objects, energy, and waves.

Botany

10th – 12th grade

~ ½ year (1 semester) fills .5 Elective Science credit

\$10.00 lab fee per semester

A Biology class is recommended before taking this course.

Botany is a branch of Biology and is the scientific study of all plant life and development. Botany covers a wide range of scientific disciplines that study higher plants and algae including: structure, growth, reproduction,

metabolism, development, diseases, and chemical properties and evolutionary relationships between the different groups. Students will learn plant identification, and will make a large collection of plants. There will be a required Spring field trip to Southern Utah.

Astronomy

10th – 12th grade

~ ½ year (1 semester) fills .5 Elective Science class

\$10.00 lab fee per semester

It is recommended that students have some algebra and a basic chemistry course, prior to taking this course.

Introductory Astronomy is a basic course that explores the current understanding of the universe. This course will cover the following topics: measurements, scientific notation, significant figures, order of magnitude, scaling models, the scientific method, analysis and interpretation of cosmic data, the big bang theory, historical perspectives of astronomy, the law of gravity and the laws of motion, telescopes and methods of observation, spectrum analysis and basic spectroscopy, structural description of the known planets, methods for discovering new planets, meteors, asteroids, and comets, stellar evolution & remnants, white dwarfs, neutron stars, black holes, pulsars, the milky way galaxy, local groups, superclusters probes of intergalactic space, and quasars.

Investigation Science (not currently offered)

10th - 12th grade

~ 1 full year (2 semesters) fills 1 Elective credit.

\$10.00 lab fee per semester

Investigation Science is a rigorous, research-intensive course which provides students with the opportunity to conduct authentic scientific research on a competitive level. Self-motivated students with an appetite for inquiry and discovery are invited to register. Students will develop a research topic, conduct experiments and present their results at various local, regional, state, and national competitions. Successful projects earn students opportunities for financial and scholarship awards, travel and networking opportunities within the scientific community.

Emergency Medical Technician (EMT) (CTE Center) 12th grade only

~ Includes a 30-hour online portion. Fills 1 Elective Credit or CTE credit. 9 College Credits given through Snow College.

\$245-\$300 State fees, college credit, supplies, t-shirts, fingerprints. To 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. This course is for seniors only. Students must be 18 years of age to run on ambulances and to take the national exam. No exceptions. This course is combined with all three high schools and is taught at the CTE Center. Students are required to complete a performance agreement and an online questionnaire. Acceptance into the course is competitive. Signing up for the course does not guarantee admittance. At the end of the course, students are expected to take the national exam and become EMTs.

AP Environmental Science (not currently taught) 11th - 12th grades

~ May be taught full year or one semester, fills 1 Core Science Credit, 4 college credits.

\$10 lab fee per semester

AP Environmental Science is a course designed to be the equivalent of a one-semester, introductory college course in environmental science. Unlike most other introductory-level college science courses, environmental science is offered from a wide variety of disciplines including geology, chemistry, physics, biology, geography, engineering, political science, ethics, and philosophy. AP Environmental Science has been developed to be a rigorous science course that stresses scientific principles and analysis and includes a detailed laboratory and fieldwork experience. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them using sound

interdisciplinary science. College credit is given if students pass the AP exam with a score of 3 or better.

Biotechnology (CTE Center)

11th - 12th grade

~ 1 semester (double blocked 4th and 5th periods on A day) fills 1 Elective Science Credit. \$12 fee. Prerequisite Biology and Chemistry. This is a lab based class. Students will be in the lab every day learning biotechnology techniques and concepts from; 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 log book. This course is combined with all three high schools and is taught at the CTE Center.

SOCIAL SCIENCE CLASSES

(Must have 3 credits in Social Science)

***Geography for Life**

9th grade

~½ year (1 semester) fills .5 Social Science credit.

The student will study the physical, cultural and political geography of the world. Geography For Life is organized around five themes and six elements of geography in grades. Students will demonstrate a comprehensive geographical view of the human and physical worlds and why they influence and relate to the environment, societies, and to global interconnectedness and interdependence.

***World Civilizations**

10th grade

~½ year (1 semester) fills .5 Social Science credit.

During this course study students will gain an understanding of early civilizations and their contributions to the foundations of human culture. Comprehend the contributions of classical civilizations. Investigate the diffusion and interaction of cultures from the Classical Period through the Age of Discovery. Understand the influence of revolution and social change in the transition from early modern to contemporary societies. Understand the interaction of peoples in the global integration of the 20th century.

U.S. History*11th – 12th grade**

~ 1 full year (2 semesters) fills 1 Social Science credit.

The Course studies American history from the Civil War to the present. The student will analyze the growth and division of the United States from 1820 through 1877. Understand how the growth of industry changed the United States. Recognize how social reform occurred at the turn of the century. How war affected the early 20th century. How Americans reacted to rapid social change during the 1920's. The Great Depression and the New Deal affected the United States the causes, course, and consequences of the United States' role in World War II. Examine the domestic and international positions of the United States in the Cold War era. The emergence and development of human rights and culture in the modern US. The students will understand economic and political changes in the contemporary United States.

AP US History (Not taught this year)**11th- 12th Grade**

~ 1 full year (2 Semester) fills 1 Social Science Credit

There is a \$90.00 test fee.

This course will take the place U.S. History A and B

This course is an in depth study of American History from the early civilization to the present. At the end of the year there is a 4hr AP final test. Based on their score the students can receive college credit for US History. There is summer reading and viewing to help get the student prepared for the year.

Government and Citizenship*12th grade**

~ ½ year (1 semester) fills .5 Social Science credit.

This course will provide students with a general understanding of the governmental, political and legal systems of the United States. Students will understand the significance and impact of the Constitution on everyday life, the protections and privileges of individuals and groups in the United States, the distribution of power among the national, state, and local governments in the United States federal system, or compound constitutional republic, the responsibilities of citizens in the United States. Students will understand basic economic principles and how they influence everyday life. Students will have to pass the citizenship test to graduate from High School.

Psychology**11th – 12th grade**

~ ½ year (1 semester) fills .5 Social Science credit.

Course focuses on the fundamental scientific principles of behavior. Students will study learning, motivation, emotion, personality, mental disorders, treatment alternatives and other related subjects as part of the course.

Sociology**11th-12th grade**

~ ½ year (1 semester) fills .5 Social Science credit.

Sociology is the study of societies and the institutions therein and includes topics such as marriage and family, education, law, industry, mass media, etc. Sociology offers an in-depth view of the social world in which we live that shapes our individual lives.

HEALTHY LIFESTYLES AND FITNESS CLASSES

(Must have 2 credits in Healthy Lifestyles and Fitness. Skills 9, Health, and Fitness for Life are required.)

***Co-ed Skills 9 (previously boys skills or girls skills)**

9th grade ~ ½ year (1 semester) fills .5 Health Option credit.

\$10.00 fee per semester

This class offers students instruction in lifetime activities and fulfills one P.E. requirement for high school graduation. Individual, dual, and team sport activities are included, with the emphasis on activities offering lifelong participation opportunities. Participation Skills and Techniques is designed to develop competency in up to five different activities. Competency involves the ability to apply the basic skills, strategies, and rules using standardized guidelines or rubrics.

Co-ed Fitness for Life*10th grade**

~ ½ year (1 semester) fills .5 Health Option credit.

\$10.00 fee per semester.

Fitness for Life is an individualized, concept-based, one-semester course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness programs. It is required of all students and there are no substitutions unless a doctor's

written medical excuse. The course is a combination of classroom and activity-based learning activities with a focus on proper nutrition and the mastery of skills and concepts necessary for students to become accomplished monitors of their personal lifetime fitness.

***Health**

10th grade

~ ½ year (1 semester) fills .5 Health Option credit.

Health education provides opportunities for students to develop knowledge, skills, and attitudes necessary for practicing lifelong, health-enhancing behaviors. The Health curriculum focuses on what students can do for themselves to meet the objectives of the six state core standards and illustrates the impact their attitudes and behaviors have on the world around them. Students will learn that they are responsible for their personal well-being and that building a solid foundation of health literacy and decision-making skills can contribute to positive health choices throughout life. In addition, they will explore the impact their personal health has on society as a whole.

Individual Activities

11th and 12th graders

~ ½ year (1 semester) fills .5 Health Option credit.

\$10.00 fee per semester.

Improved fitness is a goal of the *Lifetime Activities* course. The curriculum provides diverse offerings to meet the individual needs of all students and to develop competency in up to three lifetime activities. Competency is defined as the ability to apply basic skills, strategies, and rules using standardized guidelines or rubrics.

Weight training

9th – 12th grade

~ ½ year (1 semester) fills .5 Health elective option credit.

\$10.00 fee per semester.

This class focuses on the development of the muscles in the body. Over the semester students will learn the major muscle groups of the body and their function as it pertains to movement. They will learn proper weightlifting techniques to strengthen the muscles and how to train safely. The class will consist of weight training, conditioning and agility workouts. Proper shoes and attire are required for this class.

Advanced Weight Training

9th-12th grade

~½ Year (1 semester) fills .5 Health elective option credit.

\$10.00 fee per semester

This class is an advanced weight training, agility and conditioning class.

Students must be accepted into the class by the teacher. The class will focus on specific training to improve strength, agility, flexibility and coordination. The class will have **specific workouts** assigned each day to focus on specific muscle and strength training. Students will be required to follow the specific workout each day. This will be a physically demanding class. Proper shoes and attire are required for this class.

YOGA

11th-12th grade

~½ Year (1 semester) fills .5 Health elective option credit.

\$10.00 fee per semester

Yoga is an engaging and non-competitive way to support the mental, physical, social and emotional health of your high school students, while also improving academic outcomes. This course is designed to introduce students safely to the basic postures, breathing techniques, and relaxation methods of yoga. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of day-to-day life.

ATHLETICS 9TH – 12TH grade

Students will earn .25 credit for each sport season they play, for a maximum of .50 credit. If you want this credit added to your transcript you must talk to the counselor.

FINE ARTS CLASSES

(Must have 1.5 credits in Art and/or Music)

Concert Choir

9th – 12th grade

~ ½ year (1 semester) fills .5 Arts Option credit.

\$20.00 fee per semester

This class is our entry-level choir experience that will focus on providing students with solid fundamental choral music skills such as reading musical

notation, singing in harmony and healthy vocal technique. The goal of this class is to serve as a training ground and recruiting pool for our competition choirs such as Madrigals, which compete regularly at the region and state levels. The Concert Choir also performs regularly in our school concerts. Our belief is that every student can learn to sing well and our goal is to provide each student with the experiences and skills that will help them enjoy the art of singing for the rest of their lives.

Band

9th – 12th grade

~ ½ year (1 semester) fills .5 Art Option credit.

\$20.00 fee per semester

Prerequisites: Students must be proficient in playing a musical instrument. This course provides opportunities for advancement and refinement of musical potential, higher level thinking skills, aesthetic judgment, and nurtures music appreciation. Emphasis will be placed on refining ensemble performance skills, recognition of musical styles and historical periods, the study of literature for band, chamber ensemble performance, and creative development. A fee will be charged for those needing to use school owned instruments and also for a book for the class.

Advanced Chorus (Madrigals)

10th – 12th grade

~ 1 full year (2 semesters) fills 1 Art Option credit.

\$40.00 per year fee, plus costuming fee.

Prerequisites: By audition only. This course provides opportunities for advancement and refinement of musical potential, higher level thinking skills, aesthetic judgment, and nurtures music appreciation. Emphasis will be placed on refining ensemble performance skills, recognition of musical styles and historical periods, and the study of literature for chorus, chamber, ensemble performance, and creative development. Students must commit to remain in the group all year. They must have and maintain a 2.00 G.P.A. And meet UHSAA guidelines.

Percussion

9th – 12th grade

~ ½ year (1 semester) fills .5 Art Option credit.

\$20.00 fee per semester to help cover music purchases.

Percussion Ensemble – will focus on providing every student with solid fundamental skills on multiple percussion instruments including snare drum, mallet keyboards, tympani and all auxiliary instruments. The purpose of this

class is to prepare students to successfully perform high quality percussion music at many different events during the year. This ensemble produces not only our pep band drumline and percussion line for the concert band, but also performs as a large percussion ensemble for region and state competitions. Seeing that the workload for this class is substantial, I recommend only highly motivated students apply. Please come talk to Mr. Cavan if you are interested. We are always looking for quality students of any experience level who want to become great percussionists.

Music Appreciation

9th grade

~½ year (1 semester) fills .5 Art Option credit.

Music Appreciation is for those students who want to increase their understanding of music through an academic class rather than a performance ensemble. The course work includes units on Rock History, World Music, Instruments and Classical Music History. Students will also gain experience through composition projects.

Jazz Band

VISUAL ART COURSES/CTE

(Must have 1.5 credits in Art and/or Music)

Drawing

9th-12th grade

~½ year (1 semester) fills .5 Art Option credit

\$25 fee plus any consumables used

No prerequisites, but it is strongly recommended that you have successfully completed Design & Visual Communications.

This class is designed to help students develop observational skills in dry drawing mediums (graphite, charcoal, colored pencil, etc.) Students will use these skills creatively to draw from life or from imagination. We will draw self portraits, tools, surreal dream-like scenes, and the human figure just to name a few of the units.

Sculpture

9th – 12th grade

~ ½ year (1 semester) fills .5 Art Option credit

\$25 fee plus any consumables used

Students explore the world of 3D art using various mediums. Clay, plaster, wood, and found objects will be used to build with. Students will learn how to use the Elements and Principles of Design to create 3D objects. Students will create sculptures from repurposed items as well as carvings, clay, plaster castings, and pantyhose. Students will also learn contemporary and traditional art history, art criticism, and aesthetics.

Basic Digital Photography (not currently taught)

10th – 12th grade

~ ½ year (1 semester) fills .5 Art Option credit

\$25 fee plus consumables

Prerequisites: None. It is strongly recommended that students take Commercial Art 1 prior to this course.

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 the use of digital photography. Students will learn how to use the manual settings on a DSLR, use Photoshop to manipulate reality, make life size cutouts, and what to look for when buying your own camera to name a few of the areas we cover. *This course is required for the CTE Commercial Photography Pathway.*

Commercial Art 1

9th-12th grade

~ ½ year (1 semester) fills .5 Art Option credit

\$25 fee plus any consumables used.

An introductory course designed to give students a foundation into graphic design using the elements & principles of design. Students will create works of design in pencil, pen & ink, paint, and various software programs exploring how ideas are communicated visually through design in an ever increasing commercial world. Students will draw, paint, and make small posters with fonts for pictures, illustrate a selfie, and so much more. *This course is required for the CTE Commercial Art Pathway.*

Commercial Art 2

9th – 12th grade

~ ½ year (1 semester) fills .5 Art Option credit

Prerequisites: Commercial Art 1

\$25 fee plus any consumables.

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, and

techniques such as screen printing, drawing, cartooning, painting, collage, and computer graphics.

Commercial Art 3 (not currently taught)

10th - 12th grade

~ 1 semester fills .5 Art or .5 CTE credit

\$20 fee Per semester plus any consumables.

Prerequisite: Commercial Art 1 and 2

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 (IDSA). Students will research problems in their communities, develop solutions, build models, test the models, and ultimately build working prototypes to be tested and used by themselves or others. We will use drawing and computer skills as well as power tools & machines to develop the prototypes. This requires students to be self-motivated.

Commercial Digital Photography (CTE Center) 10th - 12th grade

~ 1 semester (double blocked 4th & 5th periods on A day) fills 1 CTE or 1 elective credit or 1 art credit

\$25 fee Plus consumables. This course is made up of Basic Digital Photography and Advanced Commercial Photography CTE courses. Students learn and practice using artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography. Students will learn how to use the manual settings on a DSLR, use Photoshop to manipulate reality, make life size cutouts, then we move into studio lighting, landscape, portraiture, and food photography. This course is combined with all three high schools and is taught at the CTE Center.

Painting (not currently taught)

10th - 12th grade

~ 1 semester fills .5 Art

\$20 fee plus any consumables.

Drawing class is strongly recommended before taking this class.

This course is for students who want an introduction into painting skills.

Students will learn how to translate what they see in the 3D world of forms and replicate these forms in color on a 2D surface of canvas or board or

paper. We explore in depth the use of colors to make things look real or to stir emotions in others. Students will start working in watercolor and move towards creating an oil painting as part of their portfolio. Students who have taken painting before are welcome to further their understanding and skills of painting developing a portfolio based on themes of their choice.

Digital Graphic Arts **(not currently taught)** **9th-12th grade**

~ 1 semester fills .5 Art or .5 CTE credit

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 & layout, typography, color, related software, and computer and professional skills. Students will become familiar with Adobe Photoshop and Adobe Illustrator as well as the design thinking process.

CAREER AND TECHNICAL CLASSES

(Must have 1.0 credit in Career and Technical Education, anything beyond 1 credit will go towards elective credits)

Agricultural Education Courses

Agricultural Science I Recommended for 9th graders **9TH – 12TH grade**

~ 1 full year (2 semesters) fills 1 CTE or 1 elective or 1 elective Science credit
\$10.00 lab fee

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.

Agriculture Science Biology **10th – 12th grade**

~ 1 full year (2 semesters) fills 1 CTE or 1 elective or 1 core Science credit.
\$10.00 lab fee

This is an introductory course for students in agriculture education and is the prerequisite/ foundation course for any other agriculture class. Topics that are covered include basic animal science and plant science, personal leadership development, and agriculture careers awareness. Through this process the students will develop agriculture literacy.

Animal Science I **9th – 12th grade**

~ 1 full year (2 semesters) fills 1 CTE or 1 elective or 1 elective Science credit
\$10.00 lab fee

Students will be exposed to a wide range of scientific principles, such as genetics, anatomy, physiology/nutrients, disease, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpolation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory and field experience.

Animal Science II

2 semester year-long class for 1 credit that counts as a CTE credit or additional science credit.

Prerequisites: Animal Science I or Agricultural Science I) \$15 one time lab fee

This class will allow you to complete the Animal Systems Pathway. In this class you will build upon the skills and knowledge obtained in previous animal science and agricultural science classes. In addition to studying common farm animals, you will gain an in-depth understanding of common and exotic companion animals. You will study basic veterinary science, genetics, nutrition, livestock selection and judging, and animal sourced commodities. You will also learn about the many job and career opportunities that are available in this field.

Equine Science I Taught 1st and 2nd Semester for .5 credit that counts as a CTE or additional science credit. \$10 per semester lab fee. This is the class where you get to really “horse around”! You will learn about horses, donkeys, and mules. You will learn about the common and some less common breeds of light horses, draft horses, and ponies. You will learn about equine diseases and other health issues, horse selection and judging, horse shoeing, and horse racing & other equine events.

Natural Resources I **11th - 12th grade**

~ 1 year fills 1 CTE or elective credit or science elective

This course is for students interested in forestry, range management, wildlife, or ecology. Students will learn about production, management, & conservation of natural resources.

Summer Vocation Ag

9th – 12th grade

~ Summer Participation fills .25 elective credit.

Students participate in an agriculture project over the summer. Some examples might be raising livestock or plants, working on a farm or ranch, having a lawn mowing business, etc. Students will keep track of their hours worked, expenses, and income. Through this process students will learn responsibility and record keeping skills.

Floriculture & Greenhouse Management (CTE Center) 9th - 12th grade

~ 1 semester (double blocked 1st & 2nd periods or 4th & 5th periods on A day) fills 1 CTE or 1 elective credit. \$10 fee. Students will learn about seeds and plants. They will spend time in the greenhouse planting seeds and plants, caring for plants, and learning what it takes to operate a greenhouse. Students will also learn floriculture techniques and create flower arrangements. This course is combined with all three high schools and is taught at the CTE Center.

Landscape Management & Nursery (CTE Center) 9th - 12th grade

~ 1 semester (double blocked 4th & 5th periods on A days) Fills 1 CTE or 1 elective credit. \$10 fee. 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. This course is combined with all three high schools and is taught at the CTE center.

Veterinary Assistant (CTE Center)

11th -12th grade

~ 1 semester (double blocked 4th & 5th periods on A day) fills 1 CTE or 1 elective science credit. \$10 fee.

Prerequisite 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. This course is combined with all three high schools and is taught at the CTE Center.

Natural Resources II (CTE Center/Snow College) 11th - 12th grade

~ 1 semester (double blocked 4th & 5th periods on B day) fills 1 CTE or elective science credit. 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 Tuesday during class. Students will be transported to a designated outdoor location for the lab. Lectures, including guest speakers, will be on Thursdays each week. Other activities such as GPS/GIS will also take place on Thursdays in the Washburn building on Snow Richfield campus. There will be a Snow College concurrent enrollment fee with this class. Taught by Snow College Professor.

Agriculture Systems and Technology I \$25 Lab Fee 9th-12th grade

1 full year (2 semesters) fills 1 CTE. **You can not enroll in just the 2nd semester!**

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.

Agriculture Systems and Technology II \$25 Lab Fee 10th-12th grade

1 full year (2 semesters) fills 1 CTE.

Pre-requisites: Ag Systems I.

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 I.

Skilled & Technical Sciences Courses

Woods 1

9th – 12th grade

~ ½ year (1 semester) fills .5 CTE credit or .5 elective credit.

\$25.00 fee plus project fee \$10-15 each (2-3 projects)

Students will learn basic skills relating to cabinetry/woodworking that is involved with production and services. Instruction includes field and lab application of the concepts taught. Students will develop skills in the area of woodworking, wood quality; finish touch and marketing their product.

Woods 2

9th - 12th grade

~ ½ year (1 semester) fills .5 CTE credit or .5 elective credit.

\$25.00 fee plus project fee \$25-35 each (2-3 projects)

Prerequisites: Woods 1

Woods 3

10th – 12th grade

~ ½ year (1 semester) fills .5 CTE credit or .5 elective credit.

\$25.00 fee plus project fee \$80-125

Prerequisites: Woods 1 and Woods 2

The third instructional course in a sequence that prepared individuals to apply technical knowledge and skills to prepare and execute furniture design projects; assemble and finish furniture articles; repair furniture; and stresses the safe use of a variety of hand and power tools and machinery.

Recommended projects would be anything that would allow students to incorporate all joints and tools e.g. a blanket box/cedar chest.

Law Enforcement

11th – 12th grade

~ ½ year (1 semester) fills .5 CTE credit or .5 elective credit.

This course prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, public relations, witness interviewing, evidence collection and management, court procedures and the law in general. Basic crime prevention methods, equipment operation, equipment maintenance, and other routine law enforcement responsibilities are also included.

Construction Trades Foundation

10th - 12th grades

~ 1 semester fills .5 CTE or .5 elective credit.

Prerequisites: Woods 1

\$10 fee. A course that generally prepares individuals in the following areas: basic safety, introduction to blueprint reading, introduction to power tools, introduction to hand tools, and introduction to construction math. It also includes an industry overview, what to expect on the job and specific career opportunities. This course is based on the current National Center for Construction Education and Research (NCCER) task list. (previously called Intro to Construction)

Carpentry 1 (CTE Center)

10th - 12th grades

~1 semester (double blocked 4th - 5th periods on B days, 1st semester only) fill 1 CTE or 1 elective credit. \$10 fee. Students need to complete

Prerequisites: Woods 1 and 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. This class is combined with three high schools, and is taught at the CTE center.

Carpentry 2 (CTE Center)

10th - 12th grades

~1 semester (double blocked 4th - 5th periods on B days, 2nd semester only) fill 1 CTE or elective credit. \$10 fee.

Prerequisites: Carpentry 1

This is the second in a sequence of courses that prepares individuals as a lead or foreman in laying out, fabricating, erecting, and installing wooden structures and fixtures using hand and power tools. Includes instruction in job site management, framing systems, construction materials, estimating scheduling, blueprint reading, concrete placing, siding and mechanical systems. This class is combined with three high schools and is taught at the CTE center.

CAD Architectural Design (not currently taught)

10th - 12th grades

~ 1 semester (double blocked 1st & 2nd periods on B day) fills 1 CTE or 1 elective credit. \$10 fee. Students will learn how to use Computer-Aided Design software to design and draw architectural blueprints and residential floor plans. An example of one project students will complete is to lay out a floor plan for a residence that meets Habitat for Humanity Specifications for a two-bedroom home. This course is combined with all three high schools and is taught at the CTE Center.

Business and Marketing Education Courses

Keyboarding Applications (not currently taught) 9th Grade

~ ½ year (1 semester) fills .5 CTE credit, or .5 elective credit. Fee \$15.

This course is designed to increase student keyboarding skill through drill practice and reinforcement of correct techniques. Students will use Microsoft Word to create, format, and edit personal and business documents.

Accounting I & II 11th – 12th grade

~ ½ year (1-2 semester) fills .5 CTE or .5 elective or .5 Math Option credit.

Fee \$15. Account 2 is a concurrent enrollment Snow College credit.

Students should aim to take both sections I & II. Accounting I is a prerequisite for Accounting II, Prerequisites: 11th grade and above, 10th grade with permission. Students will develop skills beginning with an understanding of basic elements & concepts of double-entry accounting systems related to service businesses organized as a sole proprietorship. Skills include understanding of the accounting equation, analyzing business transactions, entering transactions in journals, posting to ledgers, compiling financial statements, preparing closing entries, and managing cash.

Business Communications I & II 11th-12th grade

~½ year (1-2 semester) fills .5 CTE credit or .5 elective credit or 1.0 4th year Language Arts credit. Fee \$15.

Students should aim to take both sections I & II. Prerequisite: 10th grade (with permission) 11th, & 12th grade. Students will learn to communicate in a clear, courteous, concise, complete, and correct manner on both personal and professional levels. Students will produce a variety of business documents including letters, memos, reports, resumes, job applications, cover letters, etc. Students will develop oral and written communications skills, improve reading & listening skills, create a job portfolio, and practice interviewing and job retention skills. Presentation skills covered can be used toward FBLA.

Business Management

9th-12th grade

~½ year (1 Semester) fills .5 CTE credit.

This Business Management course seeks to develop sound management concepts 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, and production/operation). Effective management requires decision-making abilities, long-range planning knowledge, human relations expertise, and motivational skills. Students learn the four basic functions of management: planning, organizing, directing, and controlling.

Digital Literacy Requirement

Choose 1 of the following:

Business Office Specialist

9-12th grade

~ ½ year (1 semester) fills .5 REQUIRED DIGITAL STUDIES REQUIREMENT or .5 elective credit. Fee \$15.

This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students will integrate applications learned. This course builds on skills included in Computer Technology.

Digital Business Applications

9th-12th grade

~½ year (1 semester) fills .5 dig lit requirement or CTE credit. Fee \$10The business world is progressively more reliant on digital technologies. The Digital Business Applications course is designed to prepare students with the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow. Concepts include the overall digital experience, digital communications, digital media and the exploration of career choices. This course also provides practical experience in professionalism using various forms of presentation skills, including speaking, podcasting and digital portfolio relating to the globalization of business.

Computer Science Principles

9th-12th grade

~½ year (1 semester) fills .5 dig lit requirement or CTE credit. Fee \$10Computer 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.

Family and Consumer Sciences Education Courses

Sewing Construction

9th – 12th grade

~ ½ year (1 semester) fills .5 CTE credit or .5 elective credit.

\$15.00 fee plus any consumables used.

Course covers textiles, care and construction of clothing.

Clothing I students will construct a pillowcase, pajama pants, and 4 other projects of their own choosing.

Child Development 1

9th – 12th grade

~ ½ year (1 semester) fills .5 CTE credit

Course covers pregnancy, childbirth, and physical, social, emotional, and intellectual development of infants.

Early Childhood Education 1

9th– 12th grade

~ ½ year (1 semester) fills .5 CTE credit or .5 elective credit.

Prerequisites: Passed child Development 1

Fulfills .5 Applied Technology credit.

Course covers physical, social, emotional, and intellectual development of toddlers through preschool-aged children. Students will participate in conducting a 5-week preschool for 3-5 year olds. This helps to complete the Family and Human Services Pathway as the Workplace Skills Internship.

Early Childhood Education 2

10th – 12th grade

~ ½ year (1 semester) fills .5 CTE credit or .5 elective credit.

Prerequisites: Passed child Development 1 and Early Childhood Education 1

Course covers physical, social, emotional, and intellectual development of toddlers through preschool-aged children. Students will participate in conducting a 5-week preschool for 3-5 year olds. This helps to complete the Family and Human Services Pathway as the Workplace Skills Internship.

Interior Design 1**10th – 12th grade**

~ ½ year (1 semester) fills .5 CTE credit

\$15 fee

This course allows students to use their creativity while applying the elements and principles of design in the exciting world of interiors and home furnishing. Students will work with floor plans, color schemes, textures, and fabrics.

Interior Design 2**10th – 12th grade**

~ ½ year (1 semester) fills .5 CTE credit

\$15 fee

Prerequisite: successfully completed Interior Design 1

This course allows students to use their creativity while applying the elements and principles of design in the exciting world of interiors and home furnishing. Students will add windows, wall treatments, ceilings, lighting, floors, and architecture. Final project – Draft a house plan.

Food & Nutrition 1**9th – 12th grade**

~ ½ year (1 semester) fills .5 CTE credit .

\$25 fee

This course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy level of fitness for life. Attention will be given to the selection and preparation of food, and personal health and well being. Student leadership (FCCLA) may be an integral part of the course.

Food Science and Dietetics**9th – 12th grade**

~ ½ year (1 semester) fills .5 CTE credit.

\$25.00 fee

Prerequisite: Successfully completed Food & Nutrition 1

This course is designed to teach the more advanced concepts of nutrition and how nutrition affects the health of individuals and families. Instruction is also given in the care of food, meal management, food patterns, and food needs. Consumer skills are emphasized. Student leadership (FCCLA) may be an integral part of the course.

Financial Literacy*11th – 12th grade**

~ ½ year (1 semester) fills .5 Financial Responsibility credit.

Topics covered: Goals, decision-making, net worth statements, budgets, insurance, savings, careers, as related to earning a living, taxes, opportunity cost, checking accounts, credit, housing, consumer protection, bankruptcy, investing, stock market, time value of money, retirement. Students in the class also participate in The Stock Market Game.

Education 1010

11th - 12th grade

~ 1 semester (double blocked 4th & 5th periods on B day) fills 1 CTE or elective credit. 12 graders preferred, or mature 11 graders. \$45 CE fee. EDUC 1010. This is a college class. Students will be required to sign up for concurrent enrollment through Snow College. Students will participate in lectures each week and spend time in a local school as an internship. This class is preferred for Seniors, but very mature juniors may also sign up. There will be a Snow College concurrent enrollment fee with this class. Taught by Snow College Professor.

Technology & Engineering Education Courses

Engineering Tech and Mechanical Drafting (CTE Center) 9th - 10th grade

~ 1 semester (double blocked 1st and 2nd or 4th & 5th periods on B day) fills 1 CTE or elective credit. \$10 fee. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Students work in teams and individually to design solutions to a variety of problems using 3D modeling software. This course is combined with all three high schools and is taught at the CTE Center.

Engineering Principles 1 & 2 (CTE Center)

10th - 12th grade

~ 1 semester (double blocked 1st and 2nd periods on B day) fills 1 Elective Science Credit. \$10 fee. This class will be beneficial for lots of students and not just engineering students. Students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. This course is combined with all three high schools and is taught at the CTE Center.

Engineering Capstone (CTE Center)

11th - 12th grade

~ 1 semester (double blocked 4th - 5th periods B day) fills 1 CTE or 1 elective credit. \$10 fee.

Prerequisite: Engineering Principles 1 and 2

In this capstone course, students will work in teams to develop an original solution to a valid open-ended technical problem by applying the engineering design process. Each team will design, build, and test their solution. Finally, student teams will present and defend their original solution to an outside panel. This course is combined with all three high schools and is taught at the CTE center.

Robotics (CTE Center)

11th - 12 grade

~ 1 semester (double blocked 1st and 2nd A day) fills 1 CTE or science elective credit. \$10 fee. Prerequisite Principles of Engineering. This is a hands-on curriculum combining electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices. A rigorous study and application of electrical and engineering concepts will be included. This course is combined with all three high schools and is taught at the CTE Center.

Electronics 1 and 2 (CTE Center)

10th - 12th grades

~ 1 semester (double blocked 1st & 2nd periods on A day) fills 1 CTE or 1 elective credit. \$10 fee. This is a class for any student wanting to go into a career where electronics will be used. Auto or diesel mechanics, welding, industrial technologies, and computer information systems. Course that 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 safety, electrical theory, parallel and series circuits, Kirchoff's Laws, schematic diagrams, electrical components, and soldering. Instruction includes training in passive AC circuits, digital devices and logic circuits. This course is combined with all three high schools and is taught at the CTE Center.

Digital Media (CTE Center- not offered at this time)

10th - 12th grade

~ 1 semester (double blocked 4th & 5th periods on A day) fills 1 CTE or 1 elective credit. \$25 fee. Students will learn how to create digital media applications while using elements of text, graphics, animation, sound, video, and digital imaging for various formats. Programs such as Adobe Photoshop, Illustrator, InDesign, Premiere and Flash will be used. This course is combined with all three high schools and is taught at the CTE Center.

Gaming 1 and 2 (CTE Center)

9th - 12th grade

~ 1 semester (double blocked 1st - 2nd periods on B days) This course will introduce students to game development fundamentals and tools used to create digital games. These concepts include game design, development & production cycles, asset creation & management (graphics & sound), basic animation, collaboration with others, and project management. The primary software platforms students will learn to use are Blender and Unity. This course is combined with three high schools and is taught at the CTE center.

Aircraft Systems SUU CE (CTE Center- not offered at this time)

11th - 12 grade

~ 1 semester (double blocked 1st - 2nd periods on B days)

This course is the beginning of the pilot program at SUU. You must apply to be an SUU concurrent enrollment student and pay appropriate fees. It is an IVC class that is shown at RHS with all coursework online.

Air Transportation SUU CE (CTE Center-not offered at this time)

11th - 12 grade

~ 1 semester (double blocked 1st - 2nd periods on B days)

Prerequisite: Aircraft Systems SUU CE

This course is the beginning of the pilot program at SUU. You must apply to be an SUU concurrent enrollment student and pay appropriate fees. It is an IVC class that is shown at RHS with all coursework online.

CTE Internship

12th grade only

~½ Year (1 Semester) fills .5 elective credit. This course emphasizes skills needed to successfully prepare young people for the work environment and shows relevance of academic classes to future career and educational goals. The course covers: the application process, legal and safety issues, ethics, goal setting, teamwork, conflict resolution, attitude, incorporating UtahFutures and the Pathways initiatives, etc. CTE internship is the classroom instruction component to a student's related Work-Based Learning experience, i.e. CTE Internships. To participate in work based learning students need to sign up with the counselor.

CTE Health Science Education Courses

Introduction to Health Science

9-12th

~ ½ year (1 semester) fills .5 Elective credit. \$10 fee.

This class is a basic introduction to any career in the medical field. It is a semester course 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. This course will fulfill .5 elective credit of the 2 credit hours required for the following Health Science Pathways offered at SSHS/CTE Center: Clinical Laboratory Science-Biotechnology, Clinical Laboratory Science-Medical Forensics, Emergency Medical Services, Nursing Services, and Therapeutic Clinical Services-Exercise Science/Sports Medicine.

Exercise Science/Sports Medicine (CTE Center/ @ SSHS) 10th - 12th grade

~ 1 semester (double blocked 1st & 2nd periods on A day) fills 1 CTE or 1 elective credit. \$10 fee. Suggested prerequisite Anatomy or Human Biology. Students will learn 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. This course is now offered at SSHS.

CE Medical Terminology (NURP1000)

11th – 12th grade

~½ year (1 semester) fills .5 Elective Science Credit.

\$10.00 lab fee per semester

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.

Medical Forensics (CTE Center)

11th - 12th grade

~ 1 semester (double blocked 4th -5th period on A day). \$12 fee.

Prerequisite: Biology. Counts as 1 science elective credit or CTE credit.

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 processes of autopsy, impressions, pathology, drugs, and of course DNA technology. This class is combined with three high schools and is taught at the CTE center.

EMR-First Responder (EMR)

11th-12th grade

~ ½ year (1 semester) fills .5 Elective credit.

\$10.00 lab fee per semester

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. 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.

Emergency Medical Technician (EMT) (CTE Center) 12 grade only

~ plus a 30-hour online portion. Fills .5 Elective Science Credit. 9 College Credits

\$245-\$300 State fees, college credit, supplies, t-shirts, fingerprints. To 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. This course is for seniors only. Students must be 18 years of age to run on ambulances and to take the national exam. No exceptions. This course is combined with all three high schools and is taught at the CTE Center. Students are required to complete a performance agreement and an online questionnaire. Acceptance into the course is competitive. Signing up for the course does not guarantee admittance. At the end of the course, students are expected to take the national exam and become EMTs.

Biotechnology (CTE Center)

11th - 12th grade

~ 1 semester (double blocked 4th and 5th periods on A day) fills 1 Elective Science Credit. \$12 fee.

Prerequisite Biology

This is a lab based class. Students will be in the lab every day learning biotechnology techniques and concepts from; 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 log book.

This course is combined with all three high schools and is taught at the CTE Center.

ELECTIVE CLASSES

Note: Credits beyond minimum requirements in Specific subject areas will apply toward needed electives. For example, extra math classes beyond the three required become electives.

Reading

9th grade

~ ½ year (1 semester) fills .5 Elective credit. A review of Reading Strategies, reading comprehension strategies, and understanding literature concepts. This class will improve reading and comprehension skills.

Ram Academy

9th grade

~½ Year (1 Semester) fills .5 elective credit

This is a character education class, focusing specifically on habits that will help a person be effective in school and life. The class teaches specific skills required to be successful in life such as study skills, responsibility, planning, relationships with others, listening and attitude.

Yearbook

9th - 12th grade

~ 2 semesters fills 1 elective credit

Students need to be referred by another teacher or pre-approved by Mr. Allen to register for the class.

Yearbook combines the high-level critical thinking, reading and writing skills of print journalism with the artistic, creative and aesthetic skills of the visual and graphic arts. Students will study reading, writing, photography, graphic design and editing, as well as further develop their research skills, providing them with the journalistic expertise necessary to design and produce a year-end journalistic volume of student photography, research and writing. This course is set up to plan, design, create, publish, and sell the yearbook. Students will learn and use skills needed in business, design, writing, and communications. Students will use photography equipment as well as be trained in specific design and publishing software.

Study Hall

9th - 12th grade

~ each semester will fill .5 elective credit.

Released Time LDS Seminary

9th – 12th grade

Prerequisites: Sign up with LDS Seminary staff. **No high school credit** is given.

Teachers Assistant

12th grade

Senior Students may be a high school teacher's assistant one period each semester (1 credit) during their high school experience.

CONCURRENT ENROLLMENT COURSES

College-bound juniors or seniors should consider enrolling in Concurrent Enrollment courses. Students take courses at the high school, which normally would be taken during the freshman year of college. With college approval, concurrent enrollment classes are taught at the high school by qualified high school teachers.

There is a one-time \$30.00 registration fee with Snow College for Concurrent Enrollment classes and a \$5 per college credit fee.

American National Government/ POLS 1100/ 3 credits

This course is an introduction to the structure, function, and political dynamics of the major institutions within the American governmental system.

Intro to Criminal Justice/ CJ 1010/ 3 credits

This course is an introduction to the American Criminal Justice System including the history, functions, and processes of its major components – law enforcement, courts, and corrections.

Intro to Music/ MUSC 1010/ 3 credits

A general appreciation course designed to make music meaningful to the average listener. The relationship of rhythm, melody, harmony and form will be demonstrated through selected recordings. The elements of music will be treated non-technically together with historical and biographical observations. Western art music will be discussed as well as music of other world cultures. Also, a general survey of folk and popular music will be provided.

Elementary French/ FREN 1010/ 5 credits **Must have a minimum of 2 students enrolled to offer the class.**

An introduction to the French language and the cultures of French speaking people. It is designed for students with no previous French study. During the course, students develop basic oral and listening communication skills by participating in activities that require them to use French in a variety of situations. As a result of developing these skills, they also acquire the ability to read and write French at a basic level. Students learn to communicate about topics that are familiar to them (self, family, home, school, and daily activities) and they learn to appreciate ways of life different from their own. This course is interactive with a focus on learner participation and basic conversation practice in French.

Human Development/HSFT 1500/ credits

In this course students learn about the fundamental principles of growth and development from conception through childhood to old age. The course includes the study of the biological process of development, as well as the development of the individual within a cultural and historical context.

Interpersonal Communication/COMM 2110/ 3 credits

Interpersonal Communication is a practical and general course designed for students who desire to improve their communication effectiveness. Emphasis is placed on relationship communication skills as well as conflict resolution for both social and professional settings. Emphasis is also placed on delivery of at least two professional settings. Emphasis is also placed on delivery of at least two professional oral presentations performed during the semester.

Intro to Psychology/PSY 1010/ 3 credits

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.

Intro to Mass Media/COMM 1500/ 3 credits

This course is an introduction into the nature of media and its relationship with the individual. The course teaches students to analyze, assess and evaluate popular culture, literature and media. It includes a focus on various mediums including literature, radio, television, film, books, newspaper, and advertising to assist students in looking at the big picture of how media affects their perception.

Public Speaking/COMM 1020/ 3 credits

This is a practical and general course designed for students who desire to improve their speech efficiency, poise and self-confidence in public address situations. Special emphasis is placed on preparing, selecting, researching, organizing and delivering oral messages as well as on analyzing and evaluating the speaking-listening process.

Intro to the Visual Arts/ART 1010/ 3 credits

This is an introductory course for non-art majors in which students will learn to understand and appreciate art through the study of the visual language. This course illustrates the place of art in a broader cultural context. Emphasis is placed on helping students develop judgment in art analyses and criticism.

Leadership Management Principles 1&2/1930/2930/ 2 credits

In this course students will gain and improve workplace and interpersonal skills. Professional stewardship, management and leadership are the foundational topics. Students taking this course will also have the opportunity to participate in the SkillsUSA career and professional leadership organization.

People and Places of the World/GEOG 1300/ 3 credits

This course is a study of the major geographical regions of the world, emphasizing the interrelationships between environment and human imprints. The course focuses on the following issues and problems: distribution of cultural characteristics such as population, migration, language, religion, social customs, political and economic geography, urban patterns and settlements, agriculture, industry and resources. Physical geography concepts are also used to explain spatial patterns of cultural features.

Personal Finance and Consumer Finance/BUS 1210/ 3 credits

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.

Quantitative Literacy/ MATH 1030/ 3 credits

This course provides an intro to mathematical modeling and problem solving utilizing algebra, geometry and statistics. Students will examine some of the greatest ideas of humankind. Imagination, creativity and sound logic will be crucial components of these Mathematical explorations. The theme of the course is to gain a deeper understanding and appreciation for math.

Foundations of Nutrition/HFST 1020/ 3 credits

Scientific Foundations of Nutrition is designed to introduce students to the science of human nutrition and inspire personal application of the principles taught. Concepts to be studied include the basic nutrients (carbohydrates, proteins, lipids, vitamins, minerals, and water), their chemical composition, digestion, metabolism, physiological function, dietary recommendations, food sources, and deficiency and toxicity symptoms. Obesity, weight management, energy balance, and food and water safety will also be covered.

Principles of Sociology/SOC 1010/ 3 credits

This Course introduces students to the nature and scope of sociology, including a systematic treatment of group life, social institutions, social processes, social change, and social control.

US History to 1877/HIST 2700/ 3 credits

The Development of the United States up to the year 1877. Covering the Colonial Period, the American Revolution, the Nationalistic Period, Westward Expansion, Sectionalism, the Civil War, and Reconstruction.

US History from 1877/HIST 2710/ 3 credits

This course covers the development of the United States from 1865 to the present, to include Industrialism, the Last Frontier, the Progressive Era, World War 1, the Roaring Twenties, the Great Depression and New Deal, World War 2, the Cold War, the Civil Rights Movement, and Contemporary America.

RESOURCE CLASSES

Resource classes are only offered for students who have been classified as resource students. They are not available for regular education students. If you have any questions about whether or not you are classified, contact the Special Programs Coordinator.

All resource classes are given credit in the subject area, which is listed in the description. They **do count** toward graduation credit.

Students with an IEP will need to take four years of math in order for resource math classes to count toward credits earned for graduation.

Students with an IEP will be required to take Adult Roles/Financial Literacy class, AC Applied Math class, and AC Transition class during their junior or senior years.

AC Secondary Math

9th – 12th grade

~1 full year (2 semesters) fills 1 Math Option credit

Prerequisites: none

Description: The basic operations of addition, subtraction, multiplication, division, fractions, and decimals are reinforced before a student tries to go on to a more difficult level. Class placement is based on the current ability level of the student.

AC Applied Math

11th – 12th grade

~ 1 full year (2 semesters) fills 1 Math Option credit.

Description: Designed especially for the student who is headed for the world of work rather than to college. Real life situations (budgeting, checkbook writing and balancing, calculating pay stubs, shopping, etc.) are explored as they relate to math required in real life situations.

AC English 9

9th grade

~ 1 full year (2 semesters) fills 1 English credit.

Develop reading and reading strategies and grammar skills. Further develop writing and language skills while doing descriptive, narrative, informative and argumentative writing.

Required for graduation.

AC English 10 A, B

10th grade

~ 1 full year (2 semesters) fills 1 English credit.

Prerequisites: Must have passed English 9.

Further develop reading, writing and language skills while doing descriptive, narrative, informative, research and argumentative writing.

Required for graduation.

AC English 11/12 A, B

11th grade

~ 1 full year (2 semesters) fills 1 English credit.

Prerequisites: Must have passed English 10.

This course will cover workplace skills. Further develop reading, writing, and language skills while doing descriptive, narrative, informative, research and argumentative writing. Students will complete a transition portfolio that consists of their resume, letters of application, and reference letters.

Required for graduation.

AC Directed Studies

9th – 12th grade

~ 1 full year (2 semesters) fills 1 elective credit.

Prerequisite: Must be a resource student.

This class will provide teacher support for resource students who need extra help with their regular classes. Students will complete assignments with guidance and support.

AC Reading

9th – 12th grade

~ 1 full year (2 semesters) fills 1 English credit or 1 elective credit.

Prerequisite: Must be a resource student.

This class will cover basic reading skills needed to decode words as well as strategies to help improve comprehension. Fluency and accuracy will also be part of the curriculum.