



*Wasatch High School  
elective course options for  
incoming freshmen  
students*

**LANGUAGE ARTS ELECTIVES**

**CREATIVE WRITING**

**0.5 Credit**

Creative Writing is for students who are interested in exploring a variety of creative writing outlets. We will study novels, short stories, poems, and narrative nonfiction. Our work will include reading published works by great authors (from classical to contemporary), writing, and learning to give positive and helpful feedback on others' work. There will be written assignments as "tests" and a final, polished portfolio project.

**NOVEL WRITING**

**0.5 Credit**

This course will give students advice and practical work time for novel drafting, revision, and submission. Students will learn the basics of crafting situations for characters to struggle through, plot and character development,

dialog, conflict, resolution, and revision. At the end of the semester, students will

have a revised draft of a novel as well as a query

letter with which to approach agents and editors on the path to publication. (As a published author, the teacher knows the ropes.)

**FILM APPRECIATION**

**.50 Credit**

Students will be exposed to the rich history behind film and its origins in the late 1800s. Students will be expected to learn through class lecture, course questionnaires, writing, and listening. Additionally, students will learn through the experience of watching numerous films from the early 1900s through more recent years--discussing history, context, and technical aspects associated with film.

**DEBATE 1**

**0.5 Credit**

Debate 1 is an introductory course designed to improve students speaking and argumentation skills. Along with argumentation and speaking skills, this course prepares students to give presentations, look at both sides of an issue,

and become an expert researcher.

**SOCIAL STUDIES  
ELECTIVES**

**PSYCHOLOGY**

**.5 Credits**

This course introduces the student to the scientific study of human behavior. It emphasizes the manner in which the individual can apply various psychological theories and concepts to better understand one's self, one's motives, and one's relationship with other people. The major units of study are: theories, intelligence, human development, emotions, consciousness, abnormal behavior, mental health, and social psychology.

**STUDENT  
GOVERNMENT (by  
election only)**

**1.0 credit**

**LATINOS IN ACTION 9  
(by application only)**

**1.0 credit**

**L.E.A.D: LEADERSHIP EXCELLENCE ATTITUDE DETERMINATION**

**.50 credit**

This course is for students who want to learn how to become a global citizen and make a positive difference in the school, our community, and the world.

**AIR FORCE JUNIOR ROTC 1/2**

**1.0 Credit**

The AFJROTC course has a two part curriculum: Aerospace Science (AS) and Leadership Education (LE). Each year has a different curriculum for each AS and LE class.

**Aerospace Science 220: Cultural Studies: An Introduction to Global Awareness**

This is a customized course about the world's cultures. The course is specifically created for the US Army, Marine Corps, Navy, and Air Force Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide

in the reinforcement of the materials.

**Leadership Education 200: Communication, Awareness, and Leadership 2nd Ed.**

**Leadership Education 200: Communication, Awareness, and Leadership, Second Edition,**

is a customized course designed to improve communication, enhance awareness of self and others, and provide fundamentals of leadership and followership. The course focuses on the Air Force Junior Reserve Officer Training Corps (AFJROTC) mission to "develop citizens of character dedicated to serving their nation and community." Woven throughout is the underlying theme of developing personal integrity. The course also emphasizes leadership and values such as service and excellence.

**PHYSICAL EDUCATION ELECTIVES**

**CHEERLEADING (by audition only)**

**1.0 credit**

**DRILL TEAM (by audition only)**

**1.0 credit**

**ADVANCED P.E. FOOTBALL WEIGHTS**

**(Coach Coburn recommends for all football team members; both semesters)**

**.50 credit**

Class will include aerobic and anaerobic training and

conditioning specific to WHS football teams.

**ADVANCED P.E. BASEBALL (COACH APPROVAL PRIOR)**

**.50 credit**

This course is for members of the WHS baseball team, and includes a try out.

**ADVANCED P.E. SOFTBALL (COACH APPROVAL PRIOR)**

**.50 credit**

This course is for members of the WHS girl's softball team and includes a try out.

**A.M. WEIGHTS**

**.50 credit**

This class takes place at 6:30 a.m., either black or gold days, for student athletes, participating in a WHS sport.

**WEIGHT TRAINING**

**.50 credit**

This class is designed for students to tone, shape, and strengthen. Class is individually oriented. This course is designed for those with little or no experience in weight training. In this class, students will learn how to structure a workout toward individual goals and needs. Students will learn lift techniques, using free weights and machines, to perform upper and lower body lifts necessary to develop muscular strength and endurance. Circuit training and set/repetition system weight training will be introduced and demonstrated during this course.

**BODY CONDITIONING**

**.50 credit**

This class is designed to introduce students to the basic principles and safety techniques utilized in weight training. The overall purpose of this class is to demonstrate, through class participation, how the use of core, cardiovascular, and weight training can be effective in helping to develop a healthy lifestyle. The curriculum meets the needs of individual students and emphasizes physical fitness and proper nutrition.

**YOGA****.50 credit**

Yoga is an ancient practice that has been around for thousands of years. In this class you will learn to breathe correctly, be mindful, and practice postures of Astanga yoga. You will also become stronger, more flexible, and more in balance. We will work on positive habits such as journaling, proper nutrition, self-reflection, self control, and positivity. You will be graded heavily on class participation, so attendance is crucial.

**AGRICULTURAL  
ELECTIVES****ANIMAL SCIENCE****1.0 Credits**

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.

**AQUACULTURE 1****1.0 credit**

This is a hands-on laboratory based course, focused on the scientific study of the husbandry of fish populations for recreational, ecological, and commercial purposes, and the application of such studies to the management of marine life resources and fisheries. The course includes instruction in principles of aquatic and marine biology, water resources, fishing production and management operations, fishing regulations, water quality monitoring, and the management of recreational and commercial fishing activities. There are many field activities as well as laboratory and classroom study in this course. This course is a culminating course for those looking to complete the Natural Resource CTE Pathway. This course is recommended for all individual looking into careers in Wildlife/Marine Biology, Natural Resource Management and or Commercial Aquaculture/Aqua-ponics agriculture.

**Ag Mechanics 1****1.0 credit**

Agricultural Mechanics 1 students will learn basic skills related to the mechanical activities involved with agricultural production and service. Instruction includes field and laboratory application of the concepts taught. Students will develop skills in the areas of working hot and cold metal, tool reconditioning, plumbing, painting, bill of materials, small gas engines, and basic welding. Emphasis will be placed on safety and proper use of tools and equipment.

**FLORICULTURE &  
GREENHOUSE****1.0 credit**

Students will be exposed to greenhouse operations and management practices that will prepare the students to produce commercial plant species in a controlled environment and to manage commercial and experimental greenhouse operations. They will also learn the art of floral design through hands-on floral arranging activities. They will construct corsages, boutonnières, bud vases, holiday arrangements, etc. Career opportunities in the exciting floriculture industry will also be available.

**WORLD LANGUAGE  
ELECTIVES****SPANISH 1****1.0 Credit**

Spanish 1 is a full year course in which students are introduced to the Spanish language. They will learn the basics of speaking, listening comprehension, reading and writing in the target language. The course will introduce the students to basic vocabulary and language structure (e.g. verb conjugations and culture study).

## **SPANISH 2**

### **1.0 Credit**

Prerequisite: C- or better in Spanish 1.

Spanish 2 is a full year course in continuation of Spanish 1 which broadens the study of vocabulary and structure. New grammatical concepts introduced during the year will include irregular and reflexive verbs and past tense. Students will continue practicing the language around a variety of vocabulary themes. Speaking, listening comprehension, reading, and writing in the target language are emphasized. Hispanic culture and customs are also included.

## **SPANISH FOR NATIVE SPEAKERS HONORS 1**

### **1.0 Credit**

This course focuses on improving the reading and writing proficiency through the study of Hispanic Literature and culture. Students will study various writing styles, expand their vocabulary, and review grammar and spelling. A variety of genres and authors will be read and

students will create their own compositions. This course focuses on improving the reading and writing skills of native Spanish speakers. It will also cover a review of grammar and spelling. Students will learn about the history and art of the Spanish speaking world. We will explore different types of art and learn about its significance in the Hispanic culture. We will also learn about the history of Hispanic countries like, Spain, Peru and Mexico.

## **FRENCH 1**

### **1.0 Credit**

This course introduces students to the French language and elements of French culture. Emphasis is on oral proficiency within the contexts of personal introductions, food and restaurants, family, descriptions of people, clothing and shopping.

## **JAPANESE 1**

### **1.0 Credit**

This course gives students a strong foundation in Japanese. Emphasis will be placed on oral communication skills, listening and speaking. Reading and writing skills will also be developed using the hiragana and katakana syllabaries. Some kanji will be introduced. Various aspects of Japanese customs, culture, history, and geography are also addressed.

## **CHINESE MANDARIN 1**

### **1.0 credit**

This introductory course in Chinese language provides

the basic communication skills in the Modern Standard Chinese. This course is designed for the high school level students who have had no prior experience to Chinese language and are interested in learning basic Chinese language as well as culture. Throughout the course, students will develop their listening, speaking, reading, and writing skills. However, the emphasis in this course will be on building up students' communicative competence in oral and aural skills. Reading and writing will be minimally introduced along with speaking and listening skills.

## **FINE ARTS AND PERFORMANCE ART ELECTIVES**

### **LADIES' CHOIR**

#### **.5 / 1.0 Credit**

This course offers young women the opportunity to develop musical potential through singing in a choral ensemble. Students will develop healthy vocal technique, cultivate beautiful tone, and learn to read music with increasing fluency so that they will have the skills to enjoy participation in choral ensembles throughout their lives. Over the course of the semester, students will perform music in various styles and languages and will work to achieve choral blend. Students will perform in concert. Prior choral and/or musical experience is strongly recommended.

## **MEN'S CHOIR**

### **.5 / 1.0 credit**

This course offers young men the opportunity to develop musical potential through singing in a choral ensemble. Students will develop healthy vocal technique, cultivate beautiful tone, and learn to read music with increasing fluency so that they will have the skills to enjoy participation in choral ensembles throughout their lives. Over the course of the semester, students will perform music in various styles and languages and will work to achieve choral blend. Students will perform in concert. Prior choral and/or musical experience is strongly recommended.

## **BEGINNING HANDBELLS**

### **.50 credit**

This course offers students without prior musical training or experience the opportunity to develop basic literacy of musical notation and fundamental handbell technique. Students will develop these skills by playing accessible songs on English handbells and handchimes. These skills will prepare students for participation in other musical ensembles within the school and the community. Students are NOT expected to perform in public or outside of class time.

## **BELL CHOIR (TEACHER PERMISSION OR AUDITION)**

### **.50credit**

This choir is a select group

of ten or eleven musicians who perform using English handbells. Students will work to develop excellent technique, musicality, and sense of ensemble. Members of this group should be prepared to perform in at least three concerts during the school year as well as at various community events.

## **JAZZ BAND (BY AUDITION/APPROVAL ONLY) .50 credit**

Prerequisite: proficiency on instrument; Trumpets, Trombones, Saxophones, and rhythm (bass, piano, guitar, drum set) instrumental musicians will learn to swing and play other jazz, funk, rock, and Latin styles. Students will learn jazz history, jazz theory, and improvisation. Practice is expected and private lessons are strongly encouraged. Jazz band festivals, various performances, concerts, and practice are requirements outside of class time.

## **CONCERT BAND 1.0 credit**

Prerequisite- 2 years of previous instrumental instruction, or instructor approval In this instrumental wind band, musicians will continue to develop proper technique, express musicianship, further theoretical knowledge, and deepen their understanding of music history through recordings and articles. Scales and exercises are learned and practiced, and grade 3-4.5

music is read and perfected. Practice is required and private lessons are encouraged. Concert band festivals, solo and ensemble festivals, and concerts are requirements which occur outside class time.

## **SYMPHONIC BAND**

**1.0 credit (by audition only)** Advanced performance and competition group.

## **PERCUSSION**

### **1.0 credit**

Prerequisite- 1 year of middle school percussion ensemble, or 1 year of private percussion and/or piano lessons. Students will learn proper stick technique, rudiments, scales, and note reading. Students will be required to learn pitched mallet instruments including xylophone, marimba, and vibraphone, and will learn unpitched instruments including snare drum, cymbals, drum set, and various auxiliary percussion. Percussion ensemble students will accompany wind bands on all concerts. Practice, concerts, and festivals are requirements that occur outside of class time. Private lessons are encouraged.

## **GUITAR 1 .50 credit.**

Students will learn basic chord shapes, will learn to note read, and will learn tablature. Students will be exposed to different music styles including folk,

classical, rock, pop, and jazz. Students will perform in small groups and alone. Students are required to provide their own acoustic guitar.

**GUITAR 2**  
**.50 credit.**

Prerequisite- Guitar 1, or middle school class guitar, or 1 yr. private lessons  
This class is a continuation of Guitar 1 emphasizing technique, alternative chord shapes, and bared chords. Students will study music history surrounding the music they will learn in class. Students will arrange music and will advance their note reading ability. Students will be required to perform alone and in ensembles.

**STRING ORCHESTRA**  
**1.0 credit**

Prerequisite - 2 years of previous instrumental instruction or instructor approval In this orchestra ensemble, musicians will continue to develop proper technique, express musicianship, and further theoretical knowledge. Scales and exercises are learned and practiced, and grade 3-4.5 music is read and perfected. Practice is required and private lessons are encouraged. Orchestra festivals, solo and ensemble festivals, and concerts are requirements which occur outside class time.

**CHAMBER ORCHESTRA**  
**(audition required)**  
**1.0 credit**

In this ensemble the focus will be on the more intricate parts of musicianship and creating music. More complex music theory concepts will be discussed and played while grade level 4, 5, and 6 music is performed and perfected. Though private lessons are not required they are highly encouraged. Region and state orchestra festivals, region and state solo and ensemble festivals, and quarterly concerts are required events that will take place outside of the normally allotted class time. There may also be additional rehearsals and performance opportunities required throughout the year. Auditions will occur in May. For audition materials contact Mr. Ryska.

**THEATER 1**  
**.50 credit**

This course introduces students to fundamental knowledge and skills for performance and design. Students will explore pantomime, improvisation, elements of production design, individual and ensemble performance, and dramatic literature.

**THEATER 2 ACTING INTENSIVE** **.50 credit**

Prerequisite: THEATRE 1. This course expands the skill and versatility of the actor through a study of

theatre history, characterization methods, acting and directing theory, and musical theatre. This class is designed for students who have a serious interest in performance.

**THEATER 2 COSTUME DESIGN** **.50 credit**

This course introduces students to the basics of costume design, including: color theory, pattern reading and pattern making, time period and specialized designs, costume rendering, fabric selection, and basic sewing. Students develop and manage designs for costumes, hair, and makeup for theatre productions.

**THEATER 2 IMPROVISATION**  
**.50 credit**

Prerequisite: THEATRE 1. This course refines improvisations basics with an emphasis on collaboration and team building. Students expand improvisation repertoire and develop problem-solving and conflict resolution skills. Improvisation study includes collaboration with professional performing artists.

**ART FOUNDATIONS**  
**.50 credit**

This is a semester course that emphasizes the elements and principles of design. Students will gain knowledge through assorted mediums to create compositions that exhibit knowledge and creativity of basic art

techniques. Students will be introduced to an individual approach to problem solving as well as creative solutions for artistic challenges. (This class fulfills the prerequisite requirement for all other visual arts classes including: Drawing, Interior Design, Global Art, Painting, Jewelry, Sculpture, Pottery, Photography, and Graphic Design). Sketchbook required.

### **DRAWING**

#### **.50 credit**

Prerequisites: Foundations of Art

This drawing course builds on student's skills from Foundations of Art. The Elements and Principles of Art are the focus of drawing technique and creativity. This class is designed for a motivated student who wants to improve their drawing skills. Students will be exploring the use of drawing pencils, ink pens, and colored pencils. Projects will include drawing from reference materials as well as observational drawing. Sketchbook must be purchased for course.

### **JEWELRY**

#### **.50 credit**

Prerequisite: Foundations of Art

This is a semester class which will instruct students in the design and construction of jewelry and useful objects from silver, brass, nickel and copper. Skills covered in the first quarter will include: cutting, piercing, soldering,

applique, and ring construction. The second quarter will include advanced design and construction with the opportunity to construct chains, set stones and explore other projects of choice.

### **POTTERY**

#### **.50 credit**

Prerequisite: Foundations of Art.

Students will learn and utilize various construction methods including: slab, coil, pinch, use of molds and wheel throwing to complete at least 20 pieces.

Assignments include both functional and decorative pieces, incorporating design elements and principles.

### **ADVANCED POTTERY**

#### **.50 credit**

Prerequisite: Foundations of Art, Pottery

Students will explore techniques used in beginning pottery to achieve a higher mastery of skills. Students will learn what it takes to become a professional ceramic artist in multiple disciplines while given more freedom to gain a mastery over areas of choice. New skills students will discover include, mold making, firing techniques, and closer looks into the lives of professional potters/artist.

### **DIGITAL PHOTOGRAPHY 1**

#### **.50 credit**

This is a beginning photo class that will explore the digital process from taking digital images to printing

and correcting them.

Students will learn digital camera functions and icons. Photoshop will be taught and students will use this software to manipulate and prepare their final prints. Students will be expected to creatively solve photographic problems and need to be motivated to put in the time necessary to learn the curriculum. Students need to have a digital camera.

### **DIGITAL PHOTOGRAPHY 2**

#### **.50 credit**

Prerequisite: Digital photo 1.

This course is designed for students who want to further enhance their photographic knowledge and abilities. It is an application of the skills learned in Photography Digital with an emphasis on professional jobs and assignments used in commercial photography. Advanced Photoshop techniques will be taught. It is expected that students will be able to find creative solutions to visual problems. Students need to be motivated to put in the time necessary to complete projects. A portfolio of student work will be expected at the end of the course.

### **SCULPTURE**

#### **.50 credit**

Prerequisite: art foundations

This class explores the various materials used to create sculptures, which include wood, plaster, steel and stone. Students learn how to manipulate these materials and use sculpting tools safely. They analyze

other works of sculpture through reading, discussion and critique and examine geometric, abstract and organic forms. This class is generally taken first in a sculpture program

### **PAINTING 1**

#### **.50 credit**

Prerequisite: art foundations. This is an introductory course that focuses on the fundamentals of painting. Students will use watercolor, tempera, and acrylic paint. This class is structured to offer students an opportunity to further their knowledge of the principles and elements of art. They will explore composition and color theory. Technique and mixing principles are introduced on canvas boards. Students will also gain higher level thinking and problem-solving skills.

### **PAINTING 2**

#### **.50 credit**

Prerequisite: Painting 1. This is a more advanced painting course that builds on Painting One. Students will be challenged to explore assorted painting techniques on larger and various canvases. Students will be encouraged to build on ideas from painting one with more of a risk-taking approach to technique and color mixing. Students will gain higher level thinking skills and an aesthetic approach for painting. Students will be involved in art shows and competitions.

### **DANCE 1**

#### **.50 credit**

Dance 1 is a beginning level dance class; no prerequisite. Students will develop a foundation in the skills of technique, strength, flexibility, alignment, coordination, and performance qualities (focus, confidence, artistic intent). They will have the opportunity to explore various genres of movement as well as incorporate the elements of dance (space, time, energy and meaning) to create their own work to perform at our dance concert. This course counts for elective PE or art credit.

### **Dance 2**

#### **.50 credits**

Dance 2 is an intermediate level dance class; Dance 1 is highly recommended but not a prerequisite. Students will further develop a foundation in the skills of technique, strength, flexibility, alignment, coordination, and performance qualities (focus, confidence, artistic intent). They will have the opportunity to explore various genres of movement as well as incorporate the elements of dance (space, time, energy and meaning) to create their own work to perform at our dance concert. This course counts for elective PE or Art credit.

### **Dance 3**

#### **1.0 credit**

#### **(by instructor approval only)**

Dance 3 is an advanced level dance class; instructor permission is required. Students will

continue to develop the skills of technique, strength, flexibility, alignment, coordination, and performance qualities (focus, confidence, artistic intent). They will have the opportunity to explore various genres of movement as well as incorporate the elements of dance (space, time, energy and meaning) to create their own work to perform at our dance concert. Dance 3 students will have multiple opportunities to perform. This course counts for elective PE or art credit.

### **DANCE COMPANY**

#### **1.0 (by audition only)**

Dance Company is a performing group; It is an advanced course covering instruction in all aspects of producing and performing a dance production such as: choreography, costume design and selection, music selection, perfection of the program, teaching dance, arts appreciation, advanced technique, etc. Dance Company performs at school assemblies, half-times, all dance concerts and any other opportunities we can find. This course counts as elective PE or Art credit.

### **SOCIAL DANCE 1**

#### **.50 credit**

Social Dance 1 is a beginning level class; no prerequisite. This course will teach the basics of line dance and folk dance. We will also learn proper etiquette and styling for ballroom dances such as: basic waltz, foxtrot, swing, cha-cha, samba, tango, and

more. Students will perform at the end of the semester dance concert. This course counts as elective PE or Art credit.

**BALLROOM DANCE TEAM .50 credit (by audition only)**

Ballroom Dance Team is a performing group; This is an advanced course where members will perfect styling and performing in all types of ballroom dance. Quality performances and learning advanced choreography will be the focus of this team. This course counts for elective PE or Art credit.

**HEALTH CARE CAREER ELECTIVES**

**INTRO TO HEALTH SCIENCES .50 credit**

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

**MEDICAL TERMINOLOGY CE .50 credit**

This course 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 in the healthcare field.

**BUSINESS ELECTIVES**

**MARKETING .50 credit**

Marketing students will prepare for college and career in business and marketing fields. Areas of study include: human relations, communications, buying, selling, free enterprise, entrepreneurship, advertising and promotion, finance and accounting, and management and business operations.

**Digital Marketing .50 credit**

Digital marketing students will prepare for the world of social media marketing. Marketing students will prepare for college and career in business and marketing fields. Areas of study include: human relations, communications, buying, selling, free enterprise, entrepreneurship, advertising and promotion, finance and accounting, and management and business operations. The focus of this class is internet based advertising.

**ENTREPRENEURSHIP .50 credit**

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

**HOSPITALITY & TOURISM .50 credit**

The Hospitality and Tourism course provides the student with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground

transportation, cruising, hotel and lodging, restaurants, and tours. Students will learn the importance of hospitality and tourism's impact on the economy.

### **COMPUTER SCIENCE ELECTIVES**

#### **DIGITAL GRAPHIC ART INTRODUCTION**

##### **.50 credit**

This course is designed to provide students with the basic knowledge and skills related to the graphic design industry. It is intended to serve as a starting point for several pathways, including digital media, graphics & printing, and 3-D 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.

#### **COMPUTER PROGRAMMING 1**

##### **1.0 credit**

An introductory course in computer programming/software engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce coding concepts and problem-solving skills to beginning students through a programming language such as C++, C#, Java, Python, or JavaScript.

#### **INTRO TO COMPUTER SCIENCE**

##### **.50 credit-fulfills digital literacy graduation requirement**

Exploring Computer Science 1 is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science 1 is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers and societal and ethical issues.

#### **BUSINESS OFFICE PROFESSIONAL**

##### **.50 credit-fulfills digital literacy graduation requirement**

This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students may have the opportunity to obtain a

Microsoft Office Specialist industry certificate through Microsoft and Certiport per district discretion. The certification is recognized worldwide as the best method for employers to validate computer skill proficiency. Students will integrate applications learned.

### **FAMILY & CONSUMER SCIENCE ELECTIVES**

#### **CHILD DEVELOPMENT .50 credit**

This is a comprehensive course designed to help students understand a child's physical, intellectual, emotional, and social growth and development. Focus is given to parenting skills, positive guidance/discipline techniques, human reproduction and prenatal development information. Students will study the growth and development of newborns, infants, toddlers and preschoolers. They will also experience parenting through the use of computerized infant simulators. State Skills Certificate is available.

**Note:** By Utah state law, parental or guardian consent is required for a student to participate in human sexuality instruction. State policy states that instruction includes the importance of marriage and the family, abstinence from sexual activity before marriage, and fidelity after marriage. Consult the local

school district on its policy regarding the teaching of human sexuality and district approved instructional materials.

### **CLOTHING**

#### **.50 credit**

This course prepares students with the basic knowledge and skills needed for sewing projects/clothing construction. Students will receive instruction and hands-on experience with electronic sewing machines, sergers, small sewing tools, and pressing equipment, as well as practice sewing basic construction techniques and knowing sewing terminology and symbols. An understanding of fibers and fabric construction will also be covered. Students will complete simple projects designed to improve their sewing skills and to create an interest in sewing. State Skills Certificate is available.

### **INTERIOR DESIGN**

#### **.50 credit**

This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are furniture arrangement basics, floor plan evaluation, area planning and careers. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology,

Engineering and Math (STEM) education. FCCLA may be an integral part of this course.

### **FOODS 1**

#### **.50 credit**

This course is designed to provide students with an understanding of the basic principles of nutrition to maintain a healthy level of fitness for life. Instruction includes the selection, preparation and care of food as it relates to the food pyramid. Each of the basic nutrients (carbohydrates, proteins, fats, vitamins, minerals, and water) will be discussed. State Skill Certification is available.

### **FOODS 2**

#### **.50 credit**

Prerequisite: Foods 1.  
This course is designed for students to expand their knowledge of the principles of nutrition and food preparation. Attention will be given to the selection and preparation of food and personal health. Topics include: nutrition throughout the life cycle, meal planning & management, meal service and etiquette, and consumerism skills. Preparation techniques will focus on salads, soups, casseroles, breads, meats, poultry and pastries. State Skill Certificate is available.

### SKILLED & TECHNICAL ELECTIVES

### **WOODS 1: WOODWORKING**

#### **.50 credit**

Woods 1 is the first class in a sequence of woodworking courses that prepares an individual to apply technical knowledge and skills needed to create custom cabinets and fine furniture. Safe use of woodworking tools and machinery is stressed and the importance of producing quality work. Students will learn how to safely operate several woodworking machines, as well as build a piece of face frame furniture.

### **INTRODUCTION TO TV & FILM**

#### **.50 credit**

This is a one semester course that is meant for students who would like a brief introduction to TV PRODUCTION. Students will receive basic instruction in the use of cameras and microphones. They will learn to use Final Cut Pro and will receive a brief introduction to DVD Studio Pro. Students will produce a variety of video projects, including a music video and at least one project of their own design. At the end of the semester, they will produce a DVD portfolio for a final project.

### **LAW ENFORCEMENT**

#### **.50 credit**

This course prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness

interviewing, evidence collection and management, court procedures and the law in general. Basic crime prevention methods, weapon and equipment operation, equipment maintenance, and other routine law enforcement responsibilities are also included. Prerequisite, none.

**INTRODUCTION TO ENGINEERING & TECHNICAL DESIGN**  
**.50 credit**

An introductory course to explore engineering and technical design solutions using critical thinking in Science, Technology, Engineering & Mathematics (STEM). Includes: Design Professions & Teams using the Engineering Design Process, Documenting the Design Process through Sketching & the Engineering Notebook, Design Measuring, Design Visualization, Geometric Construction & Computer Aided Design (CAD), Assembly Drawings & Fasteners, Multi-view Drawings, Dimensioning & Tolerancing, and Presentation of a Final Team Design Project. This is the prerequisite for Pre-engineering, Architectural Design, and Technical Design 2.

**ENGINEERING 1**  
**.50 credit**

The first in a sequence of “hands on” courses that tie observations and concepts common to a variety of different engineering disciplines in order to

develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities in engineering.

**Engineering 2**  
**.50 credit**

The second in a sequence of “hands on” courses that tie observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities in engineering.

**EDUCATION ELECTIVES**

**TEACHING AS A PROFESSION 1**  
**.50 credit**

How do you individually learn? How is that different than those around you? And how can we, as a society, structure learning to influence change? This course will help you explore careers in education and discuss current educational issues.

**TEACHING AS A PROFESSION 2**  
**.50 credit**

Prerequisite: TAP 1  
Inspiration-What impact can a single teacher have on student and community learning? What makes an effective teacher? A memorable teacher? Are they the same? This course will explore class structuring, management, and motivation through hands-on observation and participation in classrooms across the district.

**PEER TUTORING**  
**.50 credit**

Students will assist with our special needs students, with instructor guidance. Attendance and the ability to help others is a must for this course! Only mature students may request this course.