**AGRICULTURE**

**ANIMAL SCIENCE ENTRY**

**9 - 12th graders.** **Two Trimesters (students must enroll in both).**

**Prerequisite: Agriculture Biology, FFA membership or instructor approval.**

**CTE or Elective Science Credit.**

Learn about domestic animals in a fun and exciting way! Subjects such as animal terminology, selection, physiology, nutrition, reproduction, genetics, health and management issues will be studied. FFA and SAE record keeping are also covered. An ideal class for FFA members and those interested.

**BIOLOGY IN AGRICULTURAL SCIENCE (primarily for students interested in agricultural sciences and/or the National FFA Organization)**

**9-12TH Grades. Two Trimesters** **(students must enroll in both part A and part B).**

**Science Credit**

**Prerequisite: FFA membership or instructor approval.**

Primarily for students in the Agricultural science pathways and FFA members. A fun way to learn biology and earn science credit through labs and activities. The course will explore subjects of cells, genetics, DNA, biotechnology, evolution, animal and plant systems, and ecology. This course meets state requirements for core biology credit.

**PLANT AND SOIL SCIENCE I, USU PSC 1800**

**College Credit Available for students admitted to USU.**

**9 – 12TH GRADES Two Trimesters (students must enroll in both).**

**Elective Science Credit and Concurrent Enrollment USU PSC 1800.**

**Prerequisite: Agriculture Biology, FFA membership or instructor approval.**

Learn how to grow and manage plants for ornamental use. Students will learn plant structure, plant growth, reproduction, pest management, and management practices. Students will use the school greenhouse in producing plant crops for market. FFA and SAE record keeping are included. An ideal class for FFA members and those interested.

**FLORICULTURE**

**9 - 12th graders. One Trimester**

**CTE or Elective Credit. Maximum of 25 students in the class!**

Learn to make floral arrangements and produce plants! An exciting, hands-on course that exposes students to operations and management of greenhouse and floral plants. Subjects of floral plant identification, floral design, floral plant care and floral management are addressed. FFA and SAE record keeping are included. Floral arrangements will be made in the class for the students to take home.

**Landscape Management**

**9 - 12th graders. One Trimester**

**CTE or Elective Credit.**

Students will develop knowledge and skills in landscape management practices. Units will cover subjects such as landscape design, landscape plant identification, landscape equipment care and managing a landscape. FFA and SAE record keeping are included.

**Greenhouse Management**

**9 - 12th graders. One Trimester**

**CTE or Elective Credit.**

Learn to operate a greenhouse and produce plants! An exciting, hands-on course that exposes students to operations and management of greenhouse and floral plants. This course helps to prepare students to produce commercial plant species in a controlled environment. Skills needed for future employment in the rapidly growing and changing horticultural industry are taught. Units on FFA and SAE Record books are also covered.

**Equine Science (Horse Management)**

**9 - 12TH Grades. Two Trimesters (students must enroll in both)**

**CTE or Elective Credit. Prerequisite: FFA membership or instructor approval.**

A great course designed to provide students an in depth understanding of horses and the equine industry. Units will include horse anatomy and physiology, genetics, nutrition, careers, basic care, disease prevention and treatment and general horse management. Units on FFA and SAE Record books are also covered. Learning activities will be varied with classroom, laboratory and field experience emphasized.

**Agricultural Science I**

**9 - 12TH Grades. Two Trimesters (students must enroll in both)**

**Science Credit**

**Prerequisite: FFA membership or instructor approval.**

An exploration of the Agriculture industry. Students will develop knowledge and skills that will provide a foundation for courses in animal science, plant science, horticulture, natural resources, agricultural systems and technology, or Agricultural Science II. Topics covered will be basic animal, plant, and soil science; natural resources; food science technology; agribusiness; personal and leadership development; and agricultural career awareness. Through this course, students will develop agricultural literacy.

**Art**

**Design & Visual Communications**

A digital art class where students use the computer to create projects. Includes; design of logos, business cards, brochures, collages, etc. Students will learn basic Photoshop and InDesign skills. (Formerly Commercial Art 1) (Art & CTE)

**Commercial & Advertising Art A**

Prerequisites: Design and Visual Communication. Creating digital art. Includes; instruction in concept design, layout, paste-up and techniques such as drawing and cartooning, collage and computer graphics. Students will learn advanced Photoshop, Illustrator and InDesign skills. (Formerly Commercial Art 2 and 3 (Art or CTE)

**Commercial & Advertising Art B**

Prerequisites: Design and Visual Communication and Commercial and Advertising Art A.

This course is a continuation of Commercial & Advertising Art A. Creating digital art. Includes; instruction in concept design, layout, paste-up and techniques such as drawing and cartooning, collage and computer graphics. Students will learn advanced Photoshop, Illustrator and InDesign skills. Formerly Commercial Art 2 and 3) (Art or CTE)

**Drawing I**

This is a basic art class with no experience necessary. Creativity will be stressed while learning the basic principles .Students will use several different media, with an emphasis on learning to draw. Art history and appreciation will also be taught. This class is a prerequisite for Painting I and Studio Art. (Art)

**Drawing II**

**By Teacher Invitation Only**.. Prerequisite is Drawing I. Students will be doing two drawings, and experimenting with different mediums and techniques of drawing. This is an exclusive class for serious artists who have displayed an intense work ethic in the drawing I class. **Those interested must talk to Mr. Manwaring.**

**Film Studies**

Film studies explores the history, art, and creation process of films. Students will gain a greater appreciation for film as they analyze classic and award winning films and use critical thinking skills to critique films. There is strong writing component to this class.

**Painting**

Prerequisites: Basic Drawing or General Art. This is a beginning painting class. The use of black and white will be taught while learning to oil paint. History and appreciation of art will also be taught. (Art)

**Painting II**

**By Teacher Invitation Only**. Prerequisite: Drawing I, Painting I, Drawing II. This is an exclusive class for serious artists who have displayed an intense work ethic and are self-motivated. Those interested should visit with Mr. Manwaring.

**Social Dance**

This class will introduce social skills, dance etiquette, group activities to help students feel comfortable in a social atmosphere. Frequent changing of partners, will occur as students learn ballroom dances like; the waltz, cha cha, foxtrot, rumba, salsa and swing. School clothing will be worn. Equal numbers of male and female students are necessary, register with a friend of the opposite gender. (Fitness Elective, Art)

**Stagecraft**

This is a class for responsible students that like doing technical work. Students will participate in design and building sets and technical effects for plays, musicals and assemblies. Students must be able to attend some rehearsals and all performances. Experience is helpful, but we’ll train you, if you haven’t worked on the stage before. (Art)

**Theater 2**

Prerequisite: Beginning Theater. This class is for students who have already taken theater at the junior high level. (Art)

**Theater 3**

Prerequisites: Theater 2 and juniors or seniors. This class is for serious students of theater. The course work will include advanced performances, different forms of theater, how to critique plays and movies and a little theater history. (Art)

**Yearbook (Commercial Art 4)**

Prerequisites: By application only. This class produces the school yearbook. (Art or CTE)

**BAND/CHOIR**

**General Choir**

**Grade Levels 9‐12**

No audition required. Repeatable with teacher permission. $10 fee required per trimester.

General Choir is a beginning performing group. Students will be required to spend time outside of class in rehearsals and performances. This choir will perform at least one concert per trimester. The focus of the class will be on reading music notation, learning proper vocal techniques as a choral singer, participating in and evaluating a variety of choral music and sharing what has been learned through performance.

**Luminosa (Advanced Women’s Choir)**

**Grade Levels 9‐12**

Audition class for women only. Auditions are in the spring. Each participant must sign up for all three trimesters.

$35 participation fee required for the year. Uniform purchase is required.

Luminosa is Uintah’s advanced women’s choir. They travel, compete, sing in the community and have a busy performance schedule outside of class. The focus of the class will be on reading music notation, learning proper vocal techniques as a choral singer, participating in and evaluating a variety of choral music and sharing what has been learned through performance.

**Men’s Choir (Advanced Men’s Choir)**

**Grade Levels 9‐12**

Audition class for men only. Auditions are in the spring. Each participant must sign up for both the 2nd and 3rd trimesters. A $20 participation fee required for the combined 2 trimesters. Uniform purchase is required.

Men’s Choir is Uintah’s advanced men’s choir. They travel, compete, sing in the community and have a busy performance schedule.  The focus of the class will be on reading music notation, learning proper vocal techniques as a choral singer, participating in and evaluating a variety of choral music and sharing what has been learned through performance.

**Hi‐Lites**

**Grade Levels 11‐12**

Audition class for both men and women. Auditions are in the spring. Each participant must sign up for all three trimesters. $35 participation fee required for the year. Uniform purchase is required.

Hi‐Lites is Uintah’s advanced mixed choir. They travel, compete, sing in the community and have a very busy performance schedule. The focus of the class will be on reading music notation, learning proper vocal techniques as a choral singer, participating in and evaluating a variety of choral music and sharing what has been learned through performance.

**BUSINESS**

**Business Communication I**

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

**Business Communication II**

This advanced course can be used to build upon the skills acquired in Business Communication 1 or used as a stand-alone class that focuses on additional methods of professional communication skills. Goals of this course include completing a business report, developing oral presentation skills, and completing an employment portfolio that consists of a cover letter, resume, and follow-up letter. Students will complete the course with a greater understanding of the impact of technology and the need for effective communication skills to advance in a business career.

**Business Law**Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. The course will include an understanding of the court system at the local, state and national level. Students will gain an understanding of contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations.

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

**Computer Technology I**

9TH grade

Computer literacy is a foundational element of success in today’s technology-driven world. This course is intended for students to learn concepts associated with key application software, basic computing fundamentals, and ethics and appropriate behavior while using technology as a tool in the classroom and in life. This course is aligned with national and international standards and the Utah Core to prepare students across multiple levels of skills.

**COMPUTER SCIENCE**

***PROGRAMMING/SOFTWARE DEVELOPMENT PATHWAY***

***COURSES ARE ARRANGED BY LEVEL OF DIFFICULTY FROM EASIEST TO HARDEST!***

**Exploring Computer Science (CS)**

Course Number:

Levels: Grades 9-12

Course length: 1 Trimester

Prerequisites: None

*This class can be used as a Computer Technology credit to fulfill the necessary graduation requirements.*

This is a class for beginners! Students will explore Computer Science basics through hands on activities. Exploring Computer Science 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 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.

**Gaming Development Fundamentals I (Unity3D)**

Course Number:

Levels: Grades 9-12

Course length: 1 Trimester

Prerequisites: Some Algebra and Keyboarding proficiency suggested, but not required.

Students will explore basic 3D Game Development concepts in the Unity software package. These concepts include game design, scripting, creation of digital assets, graphic resources, level design, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management.

**Gaming Development Fundamentals II (Unity3D)**

Course Number:

Levels: Grades 10-12

Course length: 1 Trimester

Prerequisites: Gaming Development Fundamentals I

A continuation of the skills learned in Gaming Development Fundamentals I with Unity3D.

**Mobile Development (AppLab / Unity)**

Course Number:

Grade level: 9-12

Course length: 1 Trimester

Prerequisites: Exploring Computer Science or Computer Programming 1A suggested, but not required.

Students will use AppLab, AppInventor and Unity software to create mobile apps and games. Students will learn about mobile device hardware and develop simple user interfaces. This course is designed to teach skills to develop apps for phones, tablets, and other devices that run on a variety of mobile operating systems.

**AP Computer Science Principles**

Course Number:

Levels: Grades 10-12

Course length: **2 Trimesters (MUST register for BOTH trimesters)**

Prerequisites: Interest in how computers and the internet work. A strong work ethic and ability to work in groups. Prior programming experience is not required.

*This class can be used as a science credit to fulfill the necessary science graduation requirements.*

AP Computer Science Principles is a new course that follows a project to develop a computer science course that seeks to broaden participation in computing and computer science. The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include:

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

Students will complete a research project, programming project, and take the AP CS Principles Exam in the spring for college credit. This class counts as a core science credit.

**Computer Programming 1A (Scratch and Python)**

Course Number: 8886

Grade level: 9-12

Course length: 1 Trimester

Prerequisites: Computer Technology and Algebra 1 suggested, but not required

*This class can be used as a Math credit to fulfill the necessary math graduation requirements.*

In this introduction to computer programming, students begin making simple animations and games in Scratch. The second half of the course uses Python to introduce students to the fundamentals of computer programming: variables, control and data structures, loops, functions, classes, operating system commands and the use of text files. Applications include graphics, games, and electronics projects. This class counts as a senior math credit.

**Computer Programming 1B (C# and Unity)**

Course Number: 8889

Grade level: 10-12

Course length: 1 Trimester

Prerequisites: Programming 1A or prior programming experience strongly recommended. If you aren’t interested in computers and programming, don’t take this class.

*This class can be used as a Math credit to fulfill the necessary math graduation requirements. BUT, if you aren’t interested in computers and programming, don’t take this class.*

Programming 1B is an intermediate class in computer programming using the C# programming language. The course reviews and on builds on the concepts introduced in Computer Programming 1A. Students will be introduced to more complex control and data structures, sequential files, arrays, functions, classes, and graphical user interfaces. Applications include graphics, games, and electronics. This class counts as a senior math credit.

**Computer Programming 2 (Projects in C#, Python, or other)**

Course Number: 8891

Grade level: 11-12

Course length:  **2 Trimesters (BOTH trimesters encouraged)**

Prerequisites: Programming 1B or AP CS Principles or prior programming experience required.

*This class can be used as a science credit to fulfill the necessary science graduation requirements.*

Computer programming II is an advanced class in computer programming and application development. Reviews and builds on the concepts introduced in Computer Programming 1B. This class introduces students to dynamic allocation of data, creation and utilization of classes, advanced GUI techniques, and to advanced applications of recursion. Much work will be done independently as large projects with teacher direction. Students may take this class independently during other classes with teacher approval. This class counts as a core science credit.

***DIGITAL MEDIA PATHWAY***

**Digital Media 1A (Audio, Photoshop and Flash Animation)**

Course Number: 8892

Grade level: 9-12

Course length: 1 Trimester

Prerequisite: None

Digital Media I is the first-year digital media course where students will create and learn using elements of text, graphics, animation, sound, video, and digital imaging to create digital computer applications to be delivered on CD-ROM, Internet or other media. These skills will prepare students for entry-level multimedia positions and will provide fundamental digital media understandings and skills beneficial for other occupational/educational endeavors. This course has no prerequisites.

**Digital Media 1B (Animation, Video/Audio Editing)**

Course Number: 8893

Grade level: 9-12

Course length: 1 Trimester

Lab Fee: None

Prerequisite: None.

Digital media 1B is an intermediate media development class. This course begins with 2D Animation in Adobe Flash. The second half of the course focuses on Audio and Video editing using software like Audacity and Adobe Premiere. This course has no prerequisites.

**Digital Media 2 (Projects)**

Course Number: 8893

Grade level: 10-12

Course length: 1 Trimester

Prerequisite: Digital Media 1A or 1B suggested but not required

Digital Media II is a course designed to teach the process of planning, instructional design, development, and publishing of digital media and interactive media projects. Digital Media II is the third course within Digital Media Pathway where students will focus on developing advanced skills to plan, design, and create interactive projects using the elements of text, 2-D and 3-D graphics, animation, sound, video, digital imaging, games, interactive projects, etc. These skills can prepare students for entry-level positions and other occupational/educational goals. Most work will be done independently as large projects with teacher direction. Students may take this class independently during other classes with teacher approval.

**3D Graphics (Blender, Sculptris)**

Course Number: 8894

Grade level: 9-12

Course length: 1 Trimester

Prerequisite: None

Students will use 3D graphics software to produce 3D objects and scenes. This course will introduce students to 2D and 3D modeling, the creation and application of textures, mapping, lighting, camera techniques and rendering of 3D models. Students will be using the free Blender 3D and Sculptris software packages.

**3D Animation (Blender)**

Course Number: 8895

Grade level: 9-12

Course length: 1 Trimester

Prerequisites: 3D Graphics suggested, but not required.

3D Animation is a one-trimester course using 3D graphics software to produce 3D models and animations. This course will introduce students to 2D and 3D, animation planning, storyboard development and the animation process. Students will be using the free Blender 3D software package.

**ENGINEERING/MANUFACTURING TECH**

**PLTW Introduction to Engineering Design (9-12) A & B**

In this foundational course, students are taught to understand and apply the design process, create sketches, use computer software to design models, understand mass property calculations and parametric modeling, understand cost analysis, quality control, staffing needs, packing and product marketing, explore career opportunities in design engineering and understand what skills and education these jobs require, and develop portfolios to display their designs and present them properly to peers, instructors and professionals.

**PLTW Engineering Design & Development** **A & B (Teacher Approval)**

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. They will research, validate, and justify a technical problem. Each team will design, build, and test their solution. While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem solving abilities, and their understanding of the design process. Finally, student teams will present and defend their original solution to an outside panel.

**PLTW Digital Electronics A & B**

Digital Electronics is an introduction to applied digital logic, a key element of careers in engineering and engineering technology. This course explores the smart circuits found in watches, calculators, video games, and computers. Students use industry-standards computer software in testing and analyzing digital circuitry. They design circuits to solve problems, export their designs to a printed circuit auto-routing program that generates printed circuit boards, and use appropriate components to build their designs. Students use mathematics and science in solving real-world engineering problems.

**Physics with Technology A & B**

An applied physics course that is part of the Utah science core curriculum and an appropriate related course for Career and Technical Education students.

**Principles of Engineering A & B**

Grades 10-12

Principles of Engineering is an introduction to of some of the major concepts that students will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. Principles of Engineering gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Used in combination with a teaming approach, learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. *RECOMMENDED SEQUENCE is to take “Introduction to Engineering Design” first.*

**Transportation Technology**

**Grades 9-12** – *one single trimester course*

An introductory course that focuses on the world of transportation technology. Students will gain an understanding of how transportation technologies impact politics, the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes that will in turn expand their occupational opportunities in the world of transportation.

**Energy & Power Technology**

An introductory course focused on the world of energy technology. Students will gain an understanding of how energy & power technologies impact politics, the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes that will in turn expand their occupational opportunities in the world of energy and power.

**Manufacturing Principles 1**

**Grades 10-11**

A course offering hands on experience producing small useable items from wood, plastic, and composite material rough stock that meet a given set of design specifications. Emphasis is placed on selecting and using processes optimizing strength, cost, and overall quality. ***PREREQUISITE:  Manufacturing Technology*** *or* ***Principles of Engineering*** should be completed before taking Manufacturing Principles.

**Manufacturing Technology**

**Grades 9-10**, not repeatable for credit

An introductory course focused on the world of manufacturing technology. Students will gain an understanding of how manufacturing technologies impact politics, the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes that will in turn expand their occupational opportunities in the manufacturing world.

**ENGLISH**

**AP English**

**Juniors or seniors** with a recommended GPA of 2.5 or above are encouraged to take AP. Taking previous advance classes are helpful, but not required. The National College Board’s most important recommendation is that students are “motivated” and understand that this is a college level course. Homework is expected.

This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. The AP English Literature and Composition Development Committee agrees with Thoreau that it is wisest to read the best books first; the committee also believes that such reading should be accompanied by thoughtful discussion and writing about those books in the company of one’s fellow students.” While the course is a valuable addition to the high school experience, there is also an opportunity to receive up to 6 credits of college credit if students pass the end of year exam that costs $92. Students will also have to purchase the book for the class. This is a three trimester class. If students take AP their junior year, the third trimester will count as one of their senior English credits. Students on track for the Regents scholarship can still take AP their Junior year as long as they plan on taking English 1010 the senior year. No matter what the future college plans are, taking AP English will prepare students for college and for life!

**Business Communication I**

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

**Business Communication II**

This advanced course can be used to build upon the skills acquired in Business Communication 1 or used as a stand-alone class that focuses on additional methods of professional communication skills. Goals of this course include completing a business report, developing oral presentation skills, and completing an employment portfolio that consists of a cover letter, resume, and follow-up letter. Students will complete the course with a greater understanding of the impact of technology and the need for effective communication skills to advance in a business career.

**Creative Writing**

This is a class for students who are serious about learning how to create manuscripts that would be suitable for publication. A variety of genres, literary devices, and writing strategies will be studied and used by students in this class. Teacher recommendation is required to enroll. (Language Arts 12)

**English 10**

This course continues the development of skills learned in the previous years. Students will further improve their levels of comprehension through various forms of literature including fiction and nonfiction. Students will have many opportunities to practice writing to increase fluency and generate ideas. (Language Arts 10)

**English 10 Advanced**

Prerequisites: A minimum grade of “B-“ in a previous English class. A student may register for this course in place of English 10, if requirements are met. (Language Arts 10)

**English 11**

This course continues the development of basic skills learned in previous years. Student will further improve their reading comprehension through the study of American literature including both fiction and nonfiction. Students will also have several opportunities to practice writing to increase fluency and generate new ideas. (Language Arts 11)

**English 11 Advanced**

Prerequisites: A minimum grade of “B” in previous English classes. The course will enhance development in both reading comprehension and writing skills necessary for entering higher education. The focus is on American literature. (Language Arts 11)

**English 12 Advanced**

Prerequisites: AP English. This class is a continuation of Advanced Placement English. It is recommended for students who wish to continue in-depth oral and written analysis of literature. It is also recommended for students who wish to have an additional year’s preparation for the Advanced Placement Literature and Composition Test or for students who wish to take the Advanced Placement Language and Composition Test. (Language Arts 12)

**Journalism**

**Science Fiction & Fantasy**

This class will study the life and writings of prominent science fiction and fantasy authors. A variety of short stories and novels will be used to illustrate the patterns and themes of this kind of literature. The writing of essays, poems, and stories will also be part of the study requirements of this class. **This class is offered to seniors only**. (Language Arts 12)

**Debate**

Communication is the process of sharing your ideas with others. This class will help you examine your inner feelings and help you learn how to share those feelings and ideas with others. Subjects discussed in class include the following; discovering yourself, developing self-confidence, trusting others, putting your ideas into words, sharing ideas with another person, small group communication and speaking experience. (Language Arts 12)

**FAMILY & CONSUMER SCIENCES**

**Adult Roles & Responsibilities**

This course prepares students to understand the nature, function, and significance of individual and family relationships. Topics include: decision-making to set and implement goals, values, communication skills, self-awareness, families, sources of income and the relationship between income and career preparation, crisis management, dating, marriage preparation, marriage, and money management, saving, investing and parenting. (CTE)

**Child Development**

This course is for any student, male or female. It provides students with an understanding of the aspects of human growth and development; beginning with conception, prenatal development, and birth. It moves on through the developmental stages to the preschool stage. Parenting skills are developed as positive guidance techniques and child related issues are studied. The Empathy Belly (pregnancy simulator) and Real Care Baby Simulators are used as teaching tools. (CTE)

**Clothing and Textiles I**

**Grade Levels 9‐12**

This course introduces students to basic sewing and pressing equipment, textiles and introductory level project construction techniques.  Join us in making some fun projects as you learn to sew.

**Early Childhood Education**

Prerequisite: Child Development

This course prepares individuals for child-related careers and more extensive parenting skills. Instruction is given regarding standards involved with child care; employment skills needed to work with young children, how to maintain a healthy environment and the **curriculum design** for young children. The students will **prepare a file of activities** to be used when working with children and they will have the responsibility and experience of running a small preschool. (CTE)

**Foods & Nutrition I**

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

**Foods & Nutrition II**

This course includes short units on basic nutrition, myplate, meal planning, knife skills, casseroles, soups, salads, and yeast breads. Each student is required to do home cooking experiences along with sampling new and different foods. (CTE)

**Interior Design I**

This is a course that helps students understand basic housing decisions and design ideas. Students will be introduced to the Elements and Principles of Design; including, line, form, texture, color, balance, rhythm, etc. Students will compile a notebook showing examples of design concepts, color schemes and floor plans. Many projects are required. (CTE)

**ProStart I**

ProStart is a nationwide, two-year program, for high school students, that develops the best and brightest talent into tomorrow’s industry leaders. From culinary techniques to management skills, ProStart’s industry-driven curriculum provides real-world educational opportunities and builds practical skills and a foundation that will last a lifetime. This basic course from the National Restaurant Association introduces students into the world of culinary arts and hospitality management. Basic communication skills, safety and sanitation, food preparation, meal planning, and other topics are taught in this beginning course. (CTE)

**Quilting/Textile Design Entrepreneurship – 1 trimester (repeatable)**

**10-12 grades**

**No prerequisites**

Learn to design, cut, piece and machine quilt, a full sized quilt. Advanced students will make a more difficult quilt (learning new and different techniques).
This course will also focus on entrepreneurial opportunities and careers in design fields such as Home Decor items that are made by sewing and could be turned into a lucrative business. Skills Test #358 (Standards 1-4 Tested) (Students can repeat the course for credit as they work towards certification) Student leadership and competitive events (FCCLA) may be an integral part of the course.

**FINANCIAL LITERACY**

**General Financial Literacy**

**Financial Literacy is a graduation requirement**. This class is for juniors and seniors only. Students will learn basic finance principles that will help them become competent members of our financial society. Concepts studied will include saving, credit, credit cards, stock market, buying a car, buying a house, debt, calculating monthly payments, insurance, and retirement. (Financial Literacy)

**FOREIGN LANGUAGE**

**Spanish level 1**

Students will engage in conversations, provide and obtain information, express feelings and emotions at a basic level. They will learn agreement of number and gender in Spanish, how to tell time, the date and interrogative words. Students will learn the subject pronouns and the three Spanish conjugations (-ar, -er, and -ir verbs) and how to conjugate in the present tense and in one of the past tenses (preterite). Students will also learn irregular verbs in the present tense. Indirect and direct object pronouns will be taught as well as comparatives, superlatives and demonstrative adjectives and pronouns. Students will learn about Spanish culture, foods, festivals, history and geography.

**Spanish level 2**

Students will review all that was presented in first year Spanish. The will engage in conversations at an intermediate level. They will learn the irregular verbs of the preterite tense. Students will also learn reflexive verbs in present and past tense. In second year the imperfect tense (the other past tense) is taught including the irregular verbs Ir, Ser and Ver. Students will learn to distinguish between the two past tenses (preterite and imperfect) and learn when to use them in the same sentence. Other grammar concepts will include conditional and future tenses, stem changing verbs in the present and preterite, passive voice, present perfect tense and affirmative commands. Vocabulary will continue to be taught: travel, pass times, shopping, foods and festivals. There will be more conversation and role plays. Students should have a strong background in English for success in this level.

**Spanish level 3**

Students will review all that was presented in Spanish 1 and 2. There will not be a lot of time spent reviewing since the concepts have been recycled in the previous levels. This is considered an upper level course. The uses of the conditional, future, present perfect, commands, subjunctive with impersonal expressions, expressions of emotion, adverbial clauses and past subjunctive, including imperfect, conditional and future perfect will be taught. Since this class can fulfill a senior English credit there will be an emphasis on writing in Spanish. A journal will be required each week, and there will be short essays due throughout the course. As always vocabulary, culture and history will be taught.

**Spanish level 4**

Students will review all that was presented in Spanish 1 through 3. There will not be a lot of time spent reviewing since the concepts have been recycled in the previous level. Each chapter will focus on a region of the Spanish speaking world and will include lessons in culture, grammar, current events and literature from each respective region. The grammar is recycled from previous years, but will now be used in context. This class may be primarily online with a weekly meeting with the instructor. Students need to be self-motivated!

**French I**

The study of basic French including greetings, weather, numbers, telling time, descriptions, basic French grammar, culture and history. Students must have a C or better to move on to the next level in French.

**French II**

A continual of French I, with an emphasis on future and past tenses in French, traveling, clothing, additional verbs and irregular verbs, as well as a more in-depth study of culture and history. Students must receive a C or better to move on the next level of French.

**French III**

A continual of French II, with an emphasis on more in-depth grammar. Students will be learning, the imparfait, future, and conditional tenses. As well as usage of direct and in-direct object pronouns. Students will be speaking and writing more in French. Students will learn vocabulary surrounding, home, school, family, and urban activities. The vocabulary will also include traveling, personal relationships, career and studies. This course counts as senior English credit.

**GRAPHICS**

**Graphics Communication/Introduction**

This class is an overview of the graphic arts industry and the basic printing processes and techniques. Practical experience is given to the student through the production of personal stationary, T-shirts and other projects. (CTE)

**Graphics Communications/Digital File Prep**

Prerequisites: Graphics/Printing Basic or Commercial Art. This class will explore good design in more detail. Students will be taught how to take their ideas those into electronic data. Computer programs using page layout, drawing and image editing will be used to facilitate the process. Students will also do projects using the offset press, screen printing press and other graphics equipment. (CTE)

**Graphics Communications/Intermediate**

Prerequisites: Graphics/Printing Basic or Graphics/Digital File Prep. The Digital File Prep course is recommended but not required. This class takes design ideas and flows them through the entire printing process. The class will take the designs and check for possible errors (pre-flighting), learn to perform color separations and finally how to make the plates and screens for printing. Computer programs using page layout, drawing and image editing will be used to facilitate the process. Students will take their final designs and print them on either the offset press or screen printing press. (CTE)

**Graphics Communications/Advanced**

Prerequisite: Graphics/Printing Intermediate. The Digital File Prep course is recommended but not required. This class reviews and expands on each of the steps of the printing process. The offset press operation is taught in depth as students get hands-on experience with an offset press. Also, students will learn how to put the finishing touches on the printed piece. The bindery features of stitching, cutting, drilling and folding will be taught throughout the trimester. Quality control measures will be followed extensively. Students will take real jobs and complete them on the offset press and screen printing press.

**Graphics Communications/Introduction to Screen Printing**

Prerequisite: Graphics/Digital File Prep or Graphics/Printing Intermediate. This class focuses on the screen printing process. Students will learn how to prepare screens and artwork for printing. Students will also learn how to properly clean and reclaim screens. Actual experience will be gained in the printing of t-shirt and poster designs.

**Screen Printing**

**Internship**

**Internship**

Prerequisites: Application required with a minimum GPA of 2.0 and good attendance in previous Trimester. (Juniors and Seniors only). The Internship Program gives high school juniors and seniors the chance to test their career interests before they invest time and money into college and other training. Students must have taken or be currently enrolled in related course work and will attend a Critical Workplace Skills class one day a week and go to the worksite the other days of the week. This class is a great opportunity for students to see first-hand what is involved in their proposed career choices. Work-site must be related to student’s SEOP career goal. Transportation is the responsibility of the parent/guardian and students are not allowed to transport one another. Some participating employers do require a background check and drug screen prior to participation. **CWS 8885 Critical Workplace Skills—Monday class.**

**MARKETING**

**Digital Marketing**

Digital Marketing is a course designed to give students a general background in digital marketing and an introduction to the rapidly growing and evolving career field. Students will be exposed to the fundamental concepts and principles of the digital experience, focus on the learning tools and skills necessary for solving business problems, and developing marketing opportunities. This course will provide practical experience in, but not limited to: eCommerce, Media Planning, Branding, On-Line Advertising, Display Advertising, Digital Campaigns, Social Media Marketing, and Mobile Media.

**Economics**

Economics focuses on the study of economic problems and the methods by which societies solve them. Characteristics of the market economy of the United States and its function in the world and methods of applying economics to one's life will be explored. Topics covered are the Free Enterprise System, Supply and Demand, Economic Systems and resources used by an economy, personal finance, and people who have influenced our economic systems. This course is a hands-on course which gives students a chance to explore our economy. This course helps a student to become NCAA eligible.

**Entrepreneurship**

Entrepreneurship provides students the opportunity to 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. They will understand the specific strategies of business management and marketing and the economic role of the entrepreneur in the market system. Students will have the opportunity to create a business plan which will help in developing the skills, attitudes, and knowledge necessary for successful entrepreneurs.

**Fashion Merchandising**

Fashion Merchandising A prepares students with the fundamentals of basic fashion and business concepts such as textile fibers and yarns, garment styles and parts, retail merchandise categories, designing and producing apparel, retail business fundamentals, and fashion promotion.

**Hospitality and Tourism**

The Hospitality and Tourism course provides students with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground transportation, cruising, hotel and lodging, restaurants, and tours. Students will learn the importance of hospitality and tourism’s impact on the economy.

**Marketing**

An introductory course designed to teach concepts of common marketing practices and entry-level management in business. Many concepts are taught through activities and group work. Subjects include: competing in today’s business world; developing business ethics; launching and managing a successful business; developing target markets, advertising, and marketing strategy. The psychological aspects of selling and pricing will also be covered. Students will develop an advertising campaign for a product of their choice, sales presentation and develop a new product concept.

**Marketing Sports & Entertainment**

This course is primarily designed for students who want to become a Marketing Sports Director at a college or a private sports franchise. As an introductory course, the focus will be on those things that professionals actually do: selling advertising, selecting target markets, displaying signs and logos, coordinating sporting events, organizing food and beverage operations, and promoting the overall image of a sports event. Class Fee: $8. (CTE)

**Retailing School Store**

Prerequisite: Application and teacher approval. Open to Juniors and Seniors. This class centers on the actual daily operations of the school store. Students will perform responsibilities such as ordering, inventory control, pricing, sales, customer relations, etc. Moreover, students will develop advertisements, displays, and sales promotions for the school store. (CIP 08.0705) (CTE)

**Sports & Entertainment Marketing**

This is an introductory course which will help students develop a thorough understanding of the marketing concept and theories that apply to sports and sporting events. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. This course will also delve into the components of promotion plans, sponsorship proposals and the key elements needed in sports marketing plans.

**MATHEMATICS**

**Mathematics I**

This two-trimester course is required of all freshmen. Students will investigate, problem solve, communicate, and make connections as they become fluent with the real number system by studying linear and exponential expressions, equations, and functions.

**Mathematics I Honors**

This two-trimester course covers the same, but also extends, the curriculum of Mathematics I and is for all freshmen who desire a more rigorous honors-level Mathematic I course. This is the only year students may choose to enter the honors track at Uintah High School.

**Mathematics II**

This two-trimester course is required of all sophomores. Students will investigate, problem solve, communicate, and make connections as they become fluent with the complex number system by studying quadratic and other expressions, equations, and functions.

**Mathematics II Honors**

This two-trimester course covers the same, but also extends, the curriculum of Mathematics II and is for all sophomores who desire a more rigorous honors-level Mathematic II course. Students enrolling in this class should have successfully completed both trimesters of Math I Honors.

**Mathematics III**

This two-trimester course is required for all juniors. Students become proficient with the complex number system by studying more advanced expressions, equations, and functions. This course is a pre-requisite for College Algebra. (Note: Third-year math graduation credits can also be earned by taking Accounting 1 & 2, or Computer Programming 1A & 1B, or Statistics A & B.

**Mathematics III Honors**

This three-trimester course covers the same, but also extends, the curriculum of Mathematics III and is for all juniors who desire a more rigorous honors-level Mathematic III course. Students enrolling in this class should have successfully completed both trimesters of Math I Honors and both trimesters of Math II Honors. Mathematics III Honors is a pre-requisite for Calculus and College Algebra.

**Calculus**

In this three-trimester course, students will study families of functions, with an emphasis on graphical analysis. A formal discussion of limits will lead into the discovery of the slope of a curve and the concept of the derivative and its accompanying applications. These concepts will be revisited with the discovery of the anti-derivative and integration with its accompanying applications. Differential equations will be solved and, if time permits, Calculus-based sequences and series will be studied. All students will study for and prepare to take the AP Calculus Exam.

**Statistics**

Statistics covers the mathematical procedures for collecting, organizing and analyzing data. Simple and complex probabilities will also be calculated. Conjectures will be made from the data with is collected and analyzed. Students need to have a calculator to use at home. Math I, and Math II, are minimum pre-requisites to enroll in Statistics. A form must signed by a parent and be on file with the counseling department for Statistics to replace Math III.

**PHYSICAL EDUCATION/HEALTH**

**9th grade PE (participation skills)**

“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. Course activities present an extension of or newer content than that presented in previous classes.  Examples of activities that may be included, but not limited to, are bowling, weight training, aerobics, walking, jogging, rope jumping, Ultimate Frisbee, basketball, martial arts, softball, flag football, team handball and soccer. Physical fitness and proper nutrition are emphasized as necessary for maintaining good health throughout life, and physical activity is taught as a means of reducing stress.”

**Advanced Athletic Training**

Prerequisites: Fitness for Life and Coach approval. Member of UHSAA sanctioned athletic team. Co-ed. This class will be more intense than the Fitness for Life class. Circuit training, plyometrics, speed and agility exercises will be utilized to enhance physical fitness and athletic skill. There will be no bookwork in this class. (Fitness Elective)

**Fitness for Life**

This class is an individualized, concept-based, one-Trimester 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, including participation in athletics. Fitness for Life may be taken anytime during grades nine through twelve, but it strongly recommended that students take the class in either the ninth or tenth grade year. 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 life-time fitness. Through participation, students learn to compare the fitness benefits in a variety of individual and team activities. (Fitness Required)

**Health Education**

**10th – 12th grades – 1 trimester – required for graduation**

The goal of health education at the high school level is to help establish patterns of behavior that will assist a person in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social, emotional and spiritual well being. This course is designed to offer students the opportunity to acquire knowledge, incorporate process and life skills and develop positive attitudes about life. Development of a healthy body and a healthy mind will assist young people in living active, productive and successful lives. (Health Required)

**Lifetime Activities**

Prerequisite: Fitness for Life. This is a one trimester class designed to offer a higher level of proficiency and more in-depth instruction in up to three different lifetime activities. The curriculum emphasizes individual or dual activities with improved fitness as a goal. Examples of activities which may be included, but not limited to, are golf, archery, bowling, weight training and conditioning, walking, jogging, disc golf, tennis, disc football with no more than six member per team. Physical fitness and proper nutrition are emphasized as necessary for maintaining good health throughout life; and physical activity is taught as a means of reducing stress. There will be assigned reading and writing. (Fitness Elective)

**Outdoor Recreation**

This course develops Leave No Trace, map navigation, risk management and team building skills along with how to camp in the outdoors safe and effectively. This class will go on up to 5 required field trips in the local area, and students need to have proper hiking gear to be allowed in the class. There is a required one-night camping trip in this class.

**Social Dance**

This class will introduce social skills, dance etiquette, group activities to help students feel comfortable in a social atmosphere. Frequent changing of partners, will occur as students learn ballroom dances like; the waltz, cha cha, foxtrot, rumba, salsa, swing, tango and salsa. School clothing will be worn. Equal numbers of male and female students are necessary, register with a friend of the opposite gender. (Fitness Elective or Art)

**Weight Training**

Prerequisites: Prerequisite: Fitness for Life and coach approval for sophomores. This is an advanced weight training class using free weights. Students will follow training programs designed for a specific sport or body building. Students cannot take weight training and fitness in the same Trimester. Seniors who have met their P.E. graduation requirements but are lacking in graduation credits in other academic areas may only take a P.E. class one time in their senior year. No student will be allowed to repeat fitness or weight lifting during the same school year without permission of the instructor. (Fitness Elective)

**Weight Training Advanced**

Prerequisites: Fitness for Life and Coach approval. Member of UHSSA sanctioned athletic team. Co-ed. This is an advanced weight training class using free weights, plyometrics, speed, and agility drills to enhance physical fitness and athletic performance. Cardio testing done weekly. Students will follow training programs designed for a specific sport. (Fitness Elective)

**SCIENCE**

**Anatomy/Physiology**

This is an upper level and somewhat difficult science class. It is a study of the structure and function of the human body. It is a great class for anyone who intends to work in a health-related career such as medicine, dentistry, nursing, physical therapy, lab technician, etc. It fills the biological science requirement, but it is much more difficult than biology. Most students who enjoy science will enjoy this class. (Science)

**AP Biology**

The Advanced Placement Biology course is designed to be the same as a college introductory biology course, usually taken by biology majors during their first year. The AP Biology course differs significantly from the usual high school biology course with respect to the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of students. At the completion of the course students have the option of taking the A.P. Biology test for a fee of $90. With a passing score on the A.P. test, students will receive up to 9 college credits.

**Biology – A and B**

**9-12 grades**

**No prerequisites**

This is a study of the science of life. In part A, we focus on cells and genetics. In part B, students study ecology, organ systems, and evolution. As we explore the different topics in biology, we provide students with ample opportunities for hands on laboratory investigations.

**Chemistry 1**

Prerequisites: Algebra I and have a good math background. This is a class for students who are interested in post-high school education or who have an interest in the sciences. It is a must for anyone who seeks a career in engineering, medicine, nursing, dentistry, biology or any other science related career. It is a study of atoms, chemicals, chemical reactions, energy, scientific measurement, chemical bonds, chemical composition equations, and gas laws, behavior of matter and acid/base chemistry. There is much lab work. A calculator is needed. (Science)

**Chemistry 2**

Prerequisites: Chemistry 1 with at least a “C-“ grade and Algebra 2. . This class is a continuation of Chemistry 1 with the main emphasis on laboratory work. It takes an in-depth look at the periodic table, acids and bases, rates of reactions, kinetics and an introduction to organic chemistry. (Science)

**Earth Science – A and B**

**9-12 grades**

**No prerequisites**

In Earth Science A, students will understand the scientific evidence for three major theories: Big Bang, Nebular Theory and Plate Tectonics. Students will understand how our universe is formed, the organization of galaxies and solar system, and how Earth is formed and organized into layers. Students should also understand how technology and the work of many scientists helped develop the three theories.

In Earth Science B, students will explore Earth's biosphere. Students will understand how the characteristics of the atmosphere, hydrosphere, and geosphere support life. Students will also understand the human impact on these important dynamic systems of Earth. Students will have lab experiences that allow them to collect and analyze data and form conclusions.

**Physics**

Prerequisites: Should have successfully completed Algebra 2 and should be enrolled in or have completed Adv Mathematics. This class covers a broad range of the physical aspects of our world. Concepts consisting of motion, Newton’s Laws, energy, heat, light and sound. This class is strongly recommended for college or technical students interested in engineering, chemistry or other physical science careers. Students should have a scientific calculator. (Science)

**Physics with Technology**

Physics with technology is a “hands-on” applied physics course that is designed to teach students about how the world around them works. It does carry a required science credit. This class breaks energy systems into four categories which are: Mechanical Systems, Fluid Systems, Electrical Systems, and Thermal Systems. Topics in each of these categories include: Force, Work, Rate, Resistance, Energy, Power, Momentum, Waves & Vibration, Radiation, and Light. Learning in this class is primarily through labs that are associated with each topic. Students learn through observation, healthy dose of robotics and digital electronics with elements of design. If you want to learn how the world around you works, then this is the course for you.

**SOCIAL SCIENCE**

**Ancient World History**

Students will learn the contributions of cultures and societies of the ancient world as they applied to the development of western civilization. This class will cover the time period from prehistoric to the 1500’s. It is recommended that college-bound students take both Ancient and Modern World History. (World History)

**Criminal Law**

This class is an examination of the criminal justice system and process. Including crime, law-making, criminality, prosecution, police, courts and corrections. Included is a comparative analysis of some important problems of substantive criminal law and criminal procedure against the background of various legal systems. Topics include structure and dynamics of criminal trials, prosecutorial and police discretions, lay participation in the administration of criminal justice. Students must complete a ride-along with local police agencies and participate in a mock trial. (Social Studies Elective)

**Geography**

**9TH grade**

**No prerequisites**

“Geography is described as the study of the “why of the where.” Geography for Life will explore how to use geography as a tool to better understand the world in which we live. Students will learn to evaluate and question the why and where of spatial perceptions that are read, seen, and heard. The six standards identified below are best understood when using the following geographic themes: location, place, movement, region, and human-environmental interaction. A class will include map skills with physical and human geography essentials, beginning with North America, South America, Europe, and their connections to other world regions.

**Geography II or Advanced Geography**

“Geography is described as the study of the “why of the where.” Geography for Life will explore how to use geography as a tool to better understand the world in which we live. Students will learn to evaluate and question the why and where of spatial perceptions that are read, seen, and heard. The six standards identified below are best understood when using the following geographic themes: location, place, movement, region, and human-environmental interaction. A class will include map skills with physical and human geography essentials, focusing on the world regions not covered in Geography for Life. This class continues with the skills from Geography for Life, but continues with Asia, Africa, and Oceania.”

**Modern World History**

This class will cover from the 1700’s to the present with an emphasis on European history. This class is highly recommended for college-bound students. (World History)

**Psychology**

Prerequisites: Juniors—Seniors. Students will study the behavior of individuals based upon psychological theories and concepts. The class will cover motivation, relations, personalities, abnormal behavior, intelligence and learning. (Social Studies Elective)

**US Government & Citizenship**

Prerequisites: Seniors. This class will provide a basic foundation for study of American government and politics. It will focus on the role of the citizens in our governmental system—particularly how to be an informed citizen. Students will learn the principles of the U.S. Constitution, federal and state government, governmental powers, voting, citizenship skills and how to change the government. (American Government)

**U.S. History**

This class will cover American History from 1865 to the present, the rise of the West, the effects of immigration, the emergence of the United States as a world power, the role of the United States in World War I and II. This class is the study of accomplishments and internal problems of the United States. Students who fail either section A or B must retake and pass the class. (U.S. History)

**World War II**

**10-12**

This course is designed to give students a greater perspective on the impact World War II has had on modern philosophy and political policies throughout the world.  This class will cover the causes of the war, the course of the war, and the implications of the war.  This class will cover most geographical, political, and military events, and some key figures of the war.  We will cover the time period between 1918 through the present with emphasis placed on the years 1939-1945.

**Elective Credit & CTE**

**Peer Tutor**

Peer tutors will instruct intellectually disabled students in the classroom and in the community (banking, grocery shopping, fast foods, vocational sites, etc.) They will record and keep data daily. Peer tutors need to be responsible, dependable and have good attendance. A student may not enroll in more than one aide class per Trimester and no more than two during high school.

**TV Broadcasting**

This course is designed for a very select group of students with a sincere interest in broadcast journalism; television, studio production and audio/video equipment utilization. There will be ample opportunities for creative design and editing for school announcements. Production time lines and deadlines will be crucial and consistent attendance is imperative. (Art, Elective)

**Woodworking**

You will be given an opportunity to learn about building furniture using a variety of industrial equipment, basic construction techniques, and a little bit about finishing materials. You will have fun creating a beautiful piece of furniture when you are finished. Freshmen through seniors are welcome. No experience with woodworking skills is required. (CTE)

**Furniture Design & Manufacturing**

**(Can be taken for multiple trimesters and multiple periods)** Prerequisite: Woodworking. You will have the opportunity to operate all of the woodworking equipment in the shop while building various types of furniture using custom design techniques. The class will usually be a 2 hour class, but this is not mandatory. You will learn many more advanced techniques of construction, different building styles, and various ways to finish a project. Learn how to construct kitchen cabinets or reface old cabinets. Job opportunities may be available with this class instruction. (CTE)

**Cabinetmaking & Millwork**

This is the third instructional course in a sequence of courses that prepares individuals to apply technical knowledge and skills to set up and operate industrial woodworking machinery. Teaches individuals to use such machinery to design and fabricate custom cabinets and architectural millwork. It stresses the safe use of trade hand and power tools and machinery used in the production of millwork items. Cabinets, such as kitchens and vanities are constructed, finished, and installed as part of this program.

**Construction Trades**

Prerequisites: None. A course that generally prepares individuals in the following areas; basic safety, introduction to blueprint reading, introduction to hand tools, introduction to power tools and introduction to construction math. It also includes an industry overview, what to expect on the job and specific career opportunities. (CTE)

**Technical Design**

 **(Can be taken for multiple trimesters and multiple periods) Includes these courses in the Drafting/CAD Pathway: Drafting & Design Technology, CAD Drafting Technology, Architectural Drafting, Mechanical Drafting.** A series of courses designed to prepare a student to enter the computer-aided design profession. Course work includes: an introduction to basic drafting design principles, skill development in a variety of CAD software packages including architectural, mechanical and CNC, architectural design principles, manufacturing and machine design principles, 3D modeling and CNC milling and turning. Multiple UBATC certificates and an associate degree in computer-aided design are available to students enrolled in this program of study. (CTE)

**Exercise Science/Sports Medicine**

If you are interested in Sports Medicine or Athletic Training this class is for you. We cover legal issues, ethics, basic anatomy and physiology (muscles, bones, cardiac and respiratory systems), nutrition, first aid (how to treat sprains, strains, muscle injuries, wounds, heart and lung conditions), basic taping techniques (wrist, elbow, shoulder, knee, ankle), treatment modalities (ultrasound, TENS shock therapy, heat and cold), rehabilitation issues (physical therapy), pharmacology (drugs associated with athletics), basic physical conditioning, how our bodies respond to injury and how the healing processes work. Sports Medicine and Athletic Training are exciting fields to pursue a career in. If you are considering a career in either of these fields or athletics is in your future, this class will provide a valuable foundation for future college courses. (CTE)

**Emergency Medical Services, Introduction to**

Learn how to correctly handle and respond to everyday emergency situations. This course includes training in respiratory and cardiac emergencies such as heart attack, chest pain, cardiac arrest, asthma attacks, breathing problems, choking, and anaphylaxis. Treating injuries to bones and muscles, injuries that cause bleeding, head and spinal injuries, general injuries and sickness, poisoning situations, patients in shock, and emergency child birth are all areas covered in the course. Taking a patient’s vital signs and learning how to splint, control bleeding, and care for wounds and burns are all skills taught. Hands-on skills and training are a vital part of the curriculum. Interaction with local ambulance crew members and medical professionals is an integral part of the class. American Heart Association CPR certification is included which is valid for two years.

**Medical Terminology**

This is an excellent course for anyone interested in the medical field. Medical Terminology is a vital part of every aspect of medical care. The curriculum covers every body system and the medical language corresponding to them. This is a beneficial course for students interested in working in a medical office or hospital setting. This is a non-lecture course. The curriculum involves work on the computer along with Medical Term worksheets. A student can move as fast as they want to through the class. (CTE)

**Medical Anatomy & Physiology**

This class gives a strong knowledge base of the human body and the diseases and disorders that affect it. This course covers the structure and functions of the different human body systems and the diseases that afflict them. If you are curious about how different diseases affect the human body, this class covers it. If you enjoy learning how your body works, this class will be beneficial. Many dissection labs are involved in the curriculum for in-depth study of the human body. (CTE)

**Nurse Assistant**

**Ages 16 and older**

This course will prepare students to take the State of Utah Nursing Assistant Exam and Certification Test. Upon successful completion of this course a student is able to seek employment with various local agencies including home health agencies, doctors’ offices, local hospitals, and long term care facilities. This class is a prerequisite for LPN and RN nursing programs. If you are interested in the nursing or medical fields this course is a must. Basic human anatomy and physiology along with nursing care procedures are taught both in the classroom and real world clinical settings. Hands-on skills are an integral part of the curriculum. Time will be spent in the classroom and at local health care facilities. This course provides an employable skill that is recognized within the community. American Heart Association CPR certification is taught which is valid for two years. You must be 16 years of age to take this class. (CTE) Fee varies: textbook, scrubs, state testing fee.

**Welding Technician, Entry Level**

This class is for students with little or no welding experience. Students will be instructed in safety, Basic Arc Welding (SMAW), Oxy/fuel process, and Gas Metal Arc Welding (GMAW). If students finish the required work, a welding project can be fabricated or they may work on the 300 hour competency based certification. (CTE)

**Welding Technician Intermediate Level**

 **(Can be taken for multiple trimesters and multiple periods)**

Prerequisite: Successful completion of Intro to Welding. All students are encouraged to enroll in two-hour blocks. This individualized program will prepare students for many American Welding Society (AWS) certifications and for the many high-paying jobs available in the welding industry. Students will learn technical information and skills training in welding all positions on both plate and pipe material. Students who complete the Intro to Welding first semester can sign up for second semester advanced. (CTE)

**Welding Advanced Level**

 **(Can be taken for multiple trimesters and multiple periods)**

Prerequisite: Advanced Level Welding Technician. Students will learn more advanced skills in the welding processes that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills, and habits required to perform tasks autonomously, including the selection and use of appropriate techniques and equipment with minimum supervision. (CTE)