



BEAR RIVER HIGH SCHOOL 2017-2018

Approved High School Course Offerings

Bear River High School will not discriminate against any student, or patron on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation, or any classification protected by federal, state or local law. If you need more information or further assistance, please call 435-257-2500.

Class of 2018, 2019, 2020
Graduation Requirements / Recommendations

| Courses | Minimum Requirements |
|--|---|
| Language Arts 9-12 *AP Lit, USU 1010 & 2200 will be accepted for Lang Arts 12 * AP Lit will be accepted for Lang Arts 11 | 4.5 Credits Lang. Arts 9 =-1.5 Lang. Arts 10 - 1.0 Lang. Arts 11 – 1.0 Lang. Arts 12 – 1.0* |
| Math *Minimal Completion of Secondary Math III | 3.5 Credits Sec. Math I – 1.5 Sec. Math II – 1.0 Sec. Math III or Addt'l Math – 1.0* |
| Science | 3.0 Credits 2.0 credits from 2 of the 4 categories; Biology, Chemistry, Earth Systems or Physics + 1.0 credit from any category including Optional Sciences. |
| Social Science *Beginning with the class of 2019 an additional .5 credit will be required for graduation (3.0 Social Science credit total) | 2.5 Credits Geography - .50 World Civilization - .50 US History 1.0 US Government - .50 |
| Healthy Lifestyles | 2.0 Credits Health II - .50 9 th Grade PE - .50 Fitness for Life or Participation Skills - .50 Additional PE - .50 *Credit posted for UHSAA 1 Season; Must be a Varsity Sport during your Junior or Senior year. "P" Grade will be Posted .50 Credit maximum allowed Includes Cheer, Drill, Color Guard & Marching Band Apply through your Counselor |
| The Arts | 1.50 Credits |
| Financial Literacy – Enroll in 11th or 12th Grade | .50 Credit |
| Computer Tech | .50 Credit |
| Career and Tech Ed | 1.0 Credit |
| Total Core Requirements | 19.0 Credits |
| Electives | 11.0 |
| Total | 30.0 Credits (30.5 Class of 2019 & 2020) |

*All students will earn one (1) credit in an approved science or math class and one (1) credit in an approved language class in the three (3) trimesters immediately prior to graduation.

*Civics test is required for all seniors to pass before graduation.

ARTS – 1.5 Art Credits Required for Graduation

FINE ARTS

(1365) Studio Art (1373) Advanced Studio Art

***Teachers Signature**

Prerequisite – Students need to be self-motivated, conscientious, and be capable of producing artwork under strict time-lines. Students need to have successfully passed two upper level art courses and have the recommendation of an art teacher to register for the course.

An advanced level course in drawing and painting with an emphasis on developing a greater depth of understanding of art and application of the Elements of Art and Principles of Design to their work in a variety of media. Studio experiences include drawing, painting, illustration, and printmaking projects. Each student will demonstrate progress over time by developing a body of work and organizing a portfolio with intent for scholarship application.

11, 12 2 Trimesters 1 Fine Art Credit

(1270) Art Foundation

This class will enhance the student's drawing abilities with special attention in learning to see. It will explore the Elements of Art and Principles of Design. Worksheets, photos, student models and still life will be possible subject matter. Art history, old masters and techniques will be discussed. Media used: drawing and colored pencils, charcoal, scratch board and ink. Classroom text provided. This is a prerequisite for other fine art classes.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1380) Ceramics I

Prerequisite – Art Foundation

Students will learn the three basic methods for building a pot i.e., pinch, coil, and slab. When these are mastered they will move on to throwing on wheel cylinders, mugs, bowls etc. Glazing and firing procedures will also be explored

10, 11, 12 1 Trimester .5 Fine Art Credit

(1385) Ceramics II

Prerequisite – Ceramics I

In this course, students will move on to more advanced forms i.e., teapots, jars with lids, large hand built pieces. More complex forms will be created.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1390) Ceramics III

Prerequisite – Ceramics I & II

This course is developed for the serious pottery student. Students will work on independent activities; learn how to mix glazes, load and fire kilns. Students will work with both hand and wheel throwing methods.

12 1 Trimester .5 Fine Art Credit

(1320) Commercial Art I

Prerequisite – Art Foundation

This course has been developed to help students understand the world of commercial art. Students will learn basic design concepts used by graphic designers and illustrators. Students will design trademarks, alphabets and compete in the Doodle for Google and Fair Book Cover competitions.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1330) Drawing I

Prerequisite – Art Foundation

Students will learn intermediate drawing techniques with emphasis on continuing to develop drawing skills and strengthening composition. Students will use different drawing materials including; pencil, charcoal, pen and ink.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1340) Drawing II

Prerequisite – Art Foundation & Drawing I

Students will use drawing skills learned in Foundations Art and Drawing I to create drawing that reflect their own personality, thoughts and lifestyle.

Advanced composition concepts will be discussed. Media used: pencil, colored pencil, printmaking and pastel.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1300) Painting I

Prerequisite – Art Foundation

This class is for the art student interested in furthering his expertise in composition and technique with paint. Students will gain confidence and experience in media such as, but not limited to, oils, watercolor, and acrylic. Art History periods and contemporary artists' paintings will be the inspirations for some student projects. A student may continue in Painting II and AP Art for more personal expression. Majority of class time will be spent in studio time painting. No student text required.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1305) Painting II

Prerequisite – Art Foundation & Painting I

This course is for the serious art student continuing to focus his painting experience in media or technique. Building frames and stretching canvas will be taught. Studio time is provided for a concentrated effort. Highly motivated students will appreciate this time to excel.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1400) Sculpture I**Prerequisite – Art Foundation**

This course is designed to teach 3-D design through additive, subtractive, and modeling methods with sculpting materials such as, but not limited to clay, wire, paper, and wax. No student text required.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1405) Sculpture II**Prerequisite – Art Foundation & Sculpture I**

Students taking this class will further focus their artistic development with the above mentioned 3-D materials with possible additions of soapstone, alabaster, wood, plaster and water-base clay. Students will progress to an advanced stage in skills, detail and size. No student text required.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1410) Sculpture III**Prerequisite – Art Foundation, Sculpture I & II**

This course is designed for the serious sculpture student, with studio time under an art teacher's supervision, evaluation, and direction for more experience in 3-dimensions.

11, 12 1 Trimester .5 Fine Art Credit

PERFORMING ARTS**(1070) Concert Band A (1071) Concert Band B****Prerequisite – Prior band experience**

This class will be offered winter and spring trimesters. It will emphasize concert and combined foundation literatures and will perform at concerts, as well as sporting and community events. During winter trimester Concert Band will also serve as the Pep Band at athletic events.

10, 11, 12 2 Trimesters 1.0 Fine Art Credit

(1090) Jazz Ensemble (AM) A (1091) Jazz Ensemble (AM) B (1092) Jazz Ensemble (AM) C***Teacher's Signature**

Audition is mandatory for participation with the Jazz Band. Students must take all three trimesters. This band will study jazz theory, styles of jazz and jazz improvisation. We will participate in performances and concerts throughout the year. Rehearsals will be at 6:45 to 7:40 a.m.

10, 11, 12 3 Trimesters (must take all 3) 1.5 Fine Art Credit

(1100) Marching Band

This course is a continuation of summer marching events. It includes competitive marching events at colleges and other high schools and performs at home football games. Summer rehearsal participation is required.

10, 11, 12 1 Trimester (Fall) .5 Fine Art Credit

(1120) Orchestra A (1121) Orchestra B (1122) Orchestra C

A class for string orchestra students with 4+ years of playing experience. Music of all periods will be studied. Students will perform at concerts and festivals. Performance attire is required.

10, 11, 12 3 Trimesters 1.5 Fine Art Credit

(1140) Color Guard**Will be scheduled after tryouts**

This class will perform with the Marching Band in summer events. It includes competitive events at colleges and other high schools and performs at home football games in the fall.

10, 11, 12 1 Trimester (Fall) .5 Fine Art Credit

(1141) Dance I**(This class is also listed in the Healthy Lifestyles Section)**

This course is for beginning dance & tumbling students. It will provide development of such things as physical strength, flexibility, endurance and coordination. Instruction will include Beginning Modern Movement, Military, Ballet, Tap, Jazz, Clogging, and Tumbling. Students will expand their dance vocabulary and their creative powers through improvisation, and performance.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1142) Dance II**(This class is also listed in the Healthy Lifestyles Section)**

This is an advanced course in Dance and Gymnastics. Modern Movement, Military, Ballet, Tap, Jazz, Clogging, Tumbling and Spotting techniques will be covered. A study of choreography along with choreographers and teaching techniques will be explored along with Artistic expression and performance. Students will expand their dance vocabulary skills, and develop their creative powers.

10, 11, 12 1 Trimester .5 Fine Art Credit

(7120) Social Dance I**(This class is also listed in the Healthy Lifestyles Section)**

Western Swing, Waltz, Foxtrot, Cha-Cha and precision production line dancing will be taught. The class will achieve physical fitness, flexibility, coordination and stress management.

10, 11, 12 1 Trimester .5 Fine Art Credit

(7125) Social Dance II**(This class is also listed in the Healthy Lifestyles Section)*****Prerequisite – Dance III (Social Dance I)**

This course offers the student the opportunity to expand their dance capabilities through advanced technique and dance rhythms. All forms of dance will be explored and students will have opportunities to develop skills through performance.

11, 12 1 Trimester .5 Fine Art Credit

(1151) Theater Foundations II***Prerequisite – Theater Foundations I**

This course introduces students to the world of theater and stage acting. Students will learn how to perform effectively in front of an audience. It will include exercises in movement, voice work, improvisation, group scene work and individual monologues.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1180) Theater Foundations III***Prerequisite – Theater Foundations I & II**

This class is a more advanced study of acting and storytelling. Improvisational work will be conducted. Students will learn how to examine and break down scripts and plots. Students will fill the roles of playwright, director and actor. A production of student written work will be performed at the end of the trimester.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1190) Theater Foundations IV (Advanced Theater)***Prerequisite – Theater Foundations III*****Teacher’s Signature**

This course has two primary goals; to enhance students performing capabilities and perform a Shakespeare play. The class will be assessed according to rehearsal conduct, including warm-up, memorization, focus, respect, punctuality, etc. The class will end with a performance and may involve time outside of school.

11, 12 1 Trimester .5 Fine Art Credit

(1195) Production Company (Theater VI)***Teacher Signature**

The new Musical Theater Production class is open to dedicated and enthusiastic student in grades 10-12 who are ready to commit to a comprehensive musical theater curriculum (act, sing, and dance). The program offers an opportunity to engage in the performing arts at a high level and explore possibilities for college and career. The students will produce the Spring Musical.

10, 11, 12 1 Trimester .5 Fine Art Credit

(1030) Concert Choir A (1031) Concert Choir B (1032) Concert Choir C*** Teachers Signature**

This class is an advanced level large mixed choir. Typical activities include the rehearsal and preparations for performances at the school, area and state level, as well as out of state choir tours. Members are chosen pending teacher approval. Students must be able to register for at least 2 out of the 3 trimesters in order to join and have an excellent academic record as well as an attitude of hard work. Students must be willing to spend time outside of school for special practices and performances. *Some 10th grade students may be enrolled with teacher approval.

11, 12 3 Trimesters (must enroll in at least 2 consecutive trimesters) 1 – 1.5 Art Credit

(1040) Madrigals A (1041) Madrigals B (1042) Madrigals C***Teacher’s Signature**

This is a highly select choir of singers in grades 11 and 12 who are selected following an audition. They are required to be highly motivated and talented students who are not afraid of performing frequently in public. Students must be willing to purchase performance outfits and be prepared for considerable time outside of school in performance situations. They must be able to read music and be able to learn a large amount of choir music on their own.

12 3 Trimesters (Must enroll in all 3) 1.5 Fine Art Credit

(1006) Men’s Chorus TB A (1007) Men’s Chorus TB B

TB Men’s Chorus is a basic chorus consisting of students with tenor and bass voices who combine for a basic through intermediate choral music experience. Activities include the rehearsal and performance of selected music as well as basic music skills development. At the present time there are no pre-requisites for this class.

However, students will be encouraged toward future singing opportunities available in more advanced choirs.

10, 11, 12 2 Trimesters 1.0 Fine Art Credit

(1010) Women’s Chorus SA, Advanced A (1011) Women’s Chorus SA, Advanced B (1012) Women’s Chorus SA, Advanced C*** Teacher’s Signature**

A performing choir of 10th through 12th grade girls will learn a wide variety of music for performance situations and concerts. Also included in the course will be opportunities for solos and small ensembles. Girls should have some choir experience and be prepared to purchase a performance dress.

10, 11, 12 3 Trimesters 1.5 Fine Art Credit

(1131) World Music Appreciation

This class explores the study of music in culture (“ethnomusicology”) as well as the study of all types of music in culture and society. These will include folk music, popular, contemporary, classical, and the ways in which social attitudes and values shape the production and reception of musical sound. Class activities include listening and analysis, attendance at musical plays, assigned readings, concert reviews, CD and DVD reviews, as well as reports and discussions and class projects focused on musical awareness and the application of music in many life situations.

10, 11, 12 1 Trimester .5 Fine Art Credit

CAREER & TECHNICAL EDUCATION – 1.0 CTE Credit Required for Graduation

It is the policy of Utah Career and Technical Education (CTE) that no person shall, on the basis of race, color, national origin, sex, age or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal assistance. Equal opportunity is a priority of the Utah State Office of Education.

Any persons seeking further information on nondiscrimination policies or wishing to file a grievance under Title VI, Title IX and Section 504 are encouraged to contact Terry Jackson, Assistant Superintendent, (435) 734-4800.

AGRICULTURE SCIENCE & TECHNOLOGY

Enrollment in the classes of this section will allow the student to receive school credit during the summer months by working on or participating in scheduled activities. Students will also be qualified to become FFA members and can participate in activities, contests, and award programs associated with this organization.

(8405) Agriculture Systems & Technology I (Ag Mechanics) A (8406) Agriculture Systems & Technology I (Ag Mechanics) B

This course covers tool identification, tool sharpening, cold metal work, shop safety, small engine tune-up, basic arc and acetylene welding, soldering, basic farm electricity, painting and orientation to shop tools. Some small projects are allowed. This course is a prerequisite for other Agriculture Mechanics classes. Each student is expected to provide approved coveralls, safety glasses and welding gloves in addition to regular fees. Students must achieve a passing grade in the A section to progress into the B section.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8440) Agriculture Systems Tech II A (8441) Agriculture Systems Tech II B

Prerequisite – Ag Systems Tech or Welding Tech (C Grade)

Students will develop skills in planning, building, and maintaining structures including concrete, electrical and construction. This course also covers principles in welding, hard and out of position welds. Use of different types of electrodes, acetylene rods and the mig welder will also be covered. Personal projects adapted to the subject matter are required. Each student is expected to provide approved coveralls, safety glasses and welding gloves in addition to regular fees. Students must achieve a passing grade in the A section to progress into the B section.

11, 12 2 Trimesters 1.0 CTE Credit

(8407) Agricultural Science II A (8408) Agricultural Science II B

Prerequisite – Agriculture Science I

***Teacher's Signature**

Have you heard of all the amazing awards, trips, and scholarships that are available to active FFA Members? If that interests you, then this is your class. As part of this class, you will prepare to compete, win and travel with the FFA. Leadership skills will be developed and friendships made as you better yourself and improve your future. General agriculture subjects are also part of the curriculum.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8425) Animal Science & Technology A (8426) Animal Science & Technology B

(This class is also listed in the Science Section)

Prerequisite – Biology or Bio Ag

Learn ways to manage your livestock animals from when they are born to the dinner place. Everything from reproductive technology to learning cuts of meat, identifying them, and cooking and eating them to evaluate tenderness. A great way to get into the animal industry.

11, 12 2 Trimesters 1.0 CTE Credit

(8401) Biology / Agriculture Science & Technology A (8402) Biology / Agriculture Science & Technology B

(This course is also listed in the Science Section)

Biology with a twist! This course meets the requirement for Biological Science credit but adds an emphasis on agriculture. It is a great way to absorb the science into your brain with examples and activities, that you are already familiar with, like plant and animals.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8436) Equine Science & Technology (Horse Management)

Prerequisite – Biology or Bio Ag

Have you ever thought of a career that involved horses? This class prepares students to care for horses and horse equipment. We learn to manage horse training, breeding, housing programs, equipment and facilities, as well as learning the exciting history of famous horses. Students do not need to own or have access to a horse for this class. We learn leather working that helps the students to repair or build horse tack and each student will build a bridle to take home.

11, 12 1 Trimester .5 CTE Credit

(8458) Greenhouse Management A (8459) Greenhouse Management B

The plant production industry is growing. Be prepared for future careers by learning the basics of plant production in a greenhouse setting. Knowledge and skills acquired in this class can help you have the green thumb your neighbors will envy. Much of your time in this class will be spent working in the school greenhouse, as well as various landscaping projects around the school.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8445) Natural Resource Science I A (8446) Natural Resource Science I B

(This course is also listed in the Science Section)

If the outdoors is your thing, then this is your class. Hunting, fishing, and outdoor recreation are just a few of the topics covered in this course. Soil and water conservation are topics that affect our everyday lives no matter where we live. Learn how you can do your part. Students will be expected to complete hands-on activities pertaining to natural resource use and management.

11, 12 2 Trimesters 1.0 CTE Credit

(8480) Physics with Technology A (8481) Physics with Technology B

(This course is also listed in the Science Section)

This course is designed to prepare students for a career in a hands-on technical field such as HVAC technician or auto mechanic by giving them a solid grounding in technical theory and technique. Major areas of study include mechanical, fluid, thermal and electrical systems. These systems are explored from the standpoints of force, work, rate, resistance, energy and power. The course is heavily lab-based and focused on developing practical skills as required by industry. Students must be capable of using elementary algebra to solve equations and of being able to use a calculator to solve practical problems. A state-sanctioned skills certificate will be awarded to students who successfully complete skills testing at the end of the course as well as passing the state physics core test.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8565) Small Vehicle Technology (Small Engines)

Prerequisite – Ag Systems Tech I

Can you fix your lawn mower when it breaks down? This class gives you the lifelong needed skills of fixing small engines. We take apart two or four stroke small engines such as tillers or lawnmowers and repair them as part of the class. **Each student will need an engine to work on.**

11, 12 1 Trimester .5 CTE Credit

(8472) USU Intro to Horticulture 1800 A (8473) USU Intro to Horticulture 1800 B

(This course is also listed under Optional Science)

***Must have a 3.0 GPA**

Anyone planning to go to college should be enrolled in this course. Success in this class results in earning 3 Breadth Life Science (BLS) credits that are required for most majors. Additionally, you will gain knowledge and skills in plant production which will serve you well as a homeowner, gardener and food consumer. Active participation in the school greenhouse is expected as we grow a variety of plants to sell to the community.

11, 12 2 Trimesters 1.0 CTE Credit (3 College Hours)

(8433) Veterinary Assistant I A (8434) Veterinary Assistant I00303 B

Prerequisite – Biology Ag A&B and Animal Science I A&B

Do you want to be a Veterinarian or help in a Vet Clinic? Then this course is for you! This course provides the opportunity for students to explore different avenues of the veterinary profession. Students will be exposed to veterinary science and principles which include anatomy, physiology, chemistry, animal health and disease, dentistry and laboratory procedures. Students will learn to provide hands-on care as they develop skills in the areas of surgical assisting, bandaging, wound care, oral care and general nursing care.

11, 12 2 Trimesters 1.0 CTE Credit

(8630) Welding Technician Entry A (8631) Welding Technician Entry B

Students will learn skills to use equipment in the metal shop. Students will learn to weld using SMAW, GMAW, and Oxy-Fuel processes. This hands-on class will have students working in the shop to become proficient at welding. Students will build an approved project in the B section of the class. No experience is required as each step of the welding process will be taught. Safety glasses, gloves, and coveralls will be need to be provided by each student.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8635) Welding Technician Intermediate A (8636) Welding Technician Intermediate B

Prerequisite – Welding Tech Entry A&B

Students will learn advanced welding processes and complete out of position welds with GMAW, SMAW, and Oxy-Fuel processes, Brazing, GTAW (TIG), and plasma cutting will be introduced. Welding cast iron, aluminum, and stainless steel will be explored. Students will learn to make quality welds and will learn how to inspect and evaluate welds. Elements of weld engineering and blueprint reading and metallurgy will be included. An approved project will be built in the B section. Each student is expected to provide needed safety equipment.

11, 12 2 Trimesters 1.0 CTE Credit

BRIDGERLAND

BATC Courses taught at BRHS

(9218) Automated Manuf & Robotics A AM (9219) Automated Manuf & Robotics B AM (9220) Automated Manuf & Robotics C AM

***This class will be taught during 0 hour (6:45 a.m. – 7:40 a.m.)**

***\$40 Lab Fee**

Students will select from the following specialty areas: Industrial Mechanics, Fluid Power, Programmable Logic Controllers, Instrumentation and Motion Control, Electrical Motor Control, Green Alternative Energy, Robotics, STEM certificate. Students can take either one, two or all three trimesters.

11, 12 1 - 3 Trimesters .5 – 1.5 CTE Credit

(9040) Drug Dosage / Calculation**This is a prerequisite for Pharmacy Tech**

This course is designed to create an awareness of career possibilities in health care and inform students of the educational options available for health technology programs. This class is strongly suggested for students who plan a career in nursing, pharmacy, or medicine. Students will learn medical math from the basics through IV dosages and calculations as well as metric conversions. This course is a prerequisite for BATC Pharm Tech and Practical Nursing. 11, 12 1 Trimester .5 CTE Credit **\$100 Book fee is required for this class**

(9035) Intro to Health Science

This trimester 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. 11, 12 1 Trimester .5 CTE Credit **\$15 Course Fee will be due the first week of class**

(8831) Nurse Aide / Orderly (2 hour block)

Students in this class learn basic nursing skills needed to work in a hospital, nursing home, or home health agency. Students will be prepared to take the Nurse Aide/Orderly State board written exam for certification. Health Science is suggested as a prerequisite but not required. Students must have a good reading level to enable him/her to take state board exam if he/she chooses. Federal/State mandates require all students seeking certification pass all course exams with 75% or higher. A 24 hour externship in a nursing home is a course requirement. Students must provide their own transportation to clinical facilities. Recommended for the BATC Practical Nursing Program and required for most nursing programs.

\$40 in Course Fees; Scrubs are required; Stethoscope and Blood Pressure Cuff are suggested, but not required. \$70 Licensure fee is optional.

11, 12 1 Trimester 1.0 CTE Credit

BATC COURSES TAUGHT AT BRIGHAM CITY CAMPUS – 12th Grade *Students are expected to ride the bus***(8855) Cosmetology A (8856) Cosmetology B (8857) Cosmetology C (only a.m. option)**

Prerequisite – Fashion Strategies, Student Application (See your counselor) – Materials approx. \$345, optional text \$145 and storage bin

Students have the opportunity to take cosmetology at Brigham BATC or they can enroll in a private school paid for by the student. This program provides theory and practical instruction in all phases of cosmetology and barbering. Students will be prepared to take the Cosmetology Barber License State Board Exam.

12 3 Trimesters 4.5 CTE Credit

BATC COURSES TAUGHT AT LOGAN CAMPUS – 12th Grade *Students are expected to ride the bus***(9391) American Sign Language I (Only taught 1st or 3rd trimester. This is a one trimester class)**

Approx. \$45 consumables and project materials

Introduces students to basic ASL skills and a large number of basic signs.

12 1 Trimester 1.5 CTE Credit

(9378) American Sign Language 2 (only taught 2nd trimester. This is a one trimester class)

Prerequisite: ASL 1

This course is for students who have completed ASL1 with a B or better. We will focus on receptive and expressive skills, Deaf culture, and grammar rules. Students will need access to the internet to complete assignments and quizzes outside of class.

12 1 Trimester 1.5 CTE Credit

(9115) Auto Collision Repair A (9116) Auto Collision Repair B (9117) Auto Collision Repair C

*\$28 safety glasses, long sleeve coveralls, workbooks required

This program offers students an opportunity to learn to repair and paint modern vehicles. The curriculum covers classroom instruction and hands-on-shop experience. Students work on panels and fenders. They learn the importance of shop safety, fundamentals of collision repair, glass installation and more. This Class will help students decide if a career in auto collision is for them.

12 3 Trimesters 4.5 CTE Credit

(9125) Auto Mechanics A (9126) Auto Mechanics B (9127) Auto Mechanics C

Prerequisite – Small Vehicle Technology

Students progress through a series of courses starting with an overview of the automobile equipment and their operating systems. Emphasis will be placed on safety in the auto shop, common hand tools and equipment. The student will have the opportunity to complete minor repair and preventative maintenance procedures on their personal vehicles. This course is individualized and includes extensive hands-on experience.

12 3 Trimesters 4.5 CTE Credit

(9071) Automated Manuf & Robotics A (9072) Automated Manuf & Robotics B (9073) Automated Manuf & Robotics C

*\$50 Lab Fee per trimester

First trimester = Basic Electrical Theory and Soldering: Explore basic electrical topics including electrical fundamentals, circuits, systems and protection, alternating current, motors, generators, transformers, grounding and bonding. **Second trimester = Electrical Motor Controls:** Using wiring diagrams and schematics to wire basic circuits including control circuits, power circuits, over current protection devices, DC motor controls, and AC motor frequency drive controls. **Third trimester Programmable Logic Controllers and Drone Piloting:** Learn to program the brains of all automation. Explore ladder logic and programming techniques of (PLCs) Programmable Logic Controllers with hands-on experience.

12 3 Trimesters 4.5 CTE Credit

(9230) Business Technology A (9231) Business Technology B (9232) Business Technology C

Prerequisite – Business Classes High School & \$0-\$120 Consumable workbook depending on subject area

This program offers instruction in valuable, lifelong computer and business skills. The program is designed to accommodate students of varying ability, interest, and knowledge levels. Learning is self-paced and self-directed. Students will have the opportunity to learn Microsoft Word, Excel, Access, Windows, Power Point Web Design and other courses including electronic calculator, accounting, filling, and spelling. If students complete courses at the required level they will not be required to repeat them if entering the full-time program with one year.

12 3 Trimesters 4.5 CTE Credit

(9305) Cabinetmaking A (9306) Cabinetmaking B (9307) Cabinetmaking C

This class covers the fundamentals of cabinetmaking including wood technology, lumber calculations, safety, cabinet design and layout, cabinet construction, and finish application. The student will design, construct and finish a cabinet project of their choice.

12 3 Trimesters 4.5 CTE Credit

(9255) Carpentry A (9256) Carpentry B (9257) Carpentry C

Prerequisite – Basic Drafting & \$40 refundable tool rental

This entire program involves construction of an actual home and includes classroom and shop instruction. All the classroom and lab experiences are directed by instructors who are experienced in general contracting and in education. The course objective is to prepare students for entry-level employment in the building trades industry.

12 3 Trimester 4.5 CTE Credit

(9195) Culinary Arts A (9196) Culinary Arts B (9197) Culinary Arts C

Prerequisite – Food & Nutrition I & II – Approximately \$80 tools

Students will be required to participate in four (4) five-hour Culinary Events during the course of the enrollment.

This course prepares students to work in the industry by giving basic food preparation lessons in safety, sanitation, knife skills, use of equipment, salad bar, catering, setting and clean up, and waiter/waitress skills. A food handler's permit is required and is obtained during the first term. Students must wear a hairnet.

12 3 Trimesters 4.5 CTE Credit

(9270) Dental Assisting A (9271) Dental Assisting B (9272) Dental Assisting C

Prerequisite – Dental kit and packet \$25, books and supplies approx. \$126

This course is for students who plan to pursue a career in the dental field. Students will learn to chart teeth, pass instruments, position patients, mount x-rays, take impressions, pour models, mix cements, and assist the dentist. Students will also learn a variety of general office management skills, i.e., scheduling appointments, telephone etiquette, filing charts, billing, insurance, etc. The major emphasis is to introduce students to the basics of four-handed dentistry.

12 3 Trimesters 4.5 CTE Credit

(9135) Diesel Mechanics A (9136) Diesel Mechanics B (9137) Diesel Mechanics C

Prerequisite – Small Vehicle Technology – Safety glasses and coveralls required.

Students progress through a series of courses starting with an overview of heavy duty equipment and their operating systems. Emphasis will be placed on safety in the diesel shop, common hand tools and their equipment, and the operation of the various systems. Students will gain experience on diagnosis, maintenance and repair on over-the-road trucks, construction equipment and agriculture equipment.

12 3 Trimesters 4.5 CTE Credit

(9155) Drafting / Graphics A (9156) Drafting / Graphics B (9157) Drafting / Graphics C

Prerequisite – Drafting Design, CAD Drafting, Architect Drafting

This course is done in three parts. The first section will provide computer illustrations and presentation training using Macromedia FreeHand and Microsoft PowerPoint. The second section will build on the training from section one. It will continue the computer illustration training using Adobe PhotoShop and expand into training in multimedia design using Tool Book. Section Three will tie the previous two sections together by providing the student the opportunity to create a complete multimedia title.

12 3 Trimesters 4.5 CTE Credit

(9388) e-Commerce Marketing A (9389) e-Commerce Marketing B (9390) e-Commerce Marketing C

Prerequisite – \$10 for video cd's, \$15 course book

Students will learn marketing concepts in association with Internet basics and web page design. Students learn marketing principles. Students will create personal web pages, which are published in the Marketing/Fashion Department section on the BATC web site: www.batc.tec.ut.us. Students also create web pages for local area businesses. Students will also learn Marketing Strategies. Management accounts will be taught, also the sales process, promotion, economics basics, and career opportunities.

12 3 Trimesters 4.5 CTE Credit

(9175) Electronics Technology A (9176) Electronics Technology B (9177) Electronics Technology C

Prerequisite - \$50 lab fee plus consumable student supplies and workbooks

Students receive hands-on training to qualify them to work as technicians in the ever-growing field of electronics. It can also prepare the student for entry into engineering fields with some credits transferable to various USU departments within the College of Engineering. All course work is lab intensive with much time devoted to building and testing electronics circuits. Students may choose one of three areas to emphasize: Semiconductors, Digital, or programmable devices.

12 3 Trimesters 4.5 CTE Credit

(9340) Fashion Merchandising A (9341) Fashion Merchandising B (9342) Fashion Merchandising C

Prerequisite – Fashion Strategies & Clothing I - \$15-\$25 consumable supply packet each trimester

Introduces students to trade publications, fashion history, principles and elements of design, image consulting, brands and images, cosmetics and fragrance industry, modeling industry, and fashion show production. Students will participate in planning and producing a fashion show.

12 3 Trimesters 4.5 CTE Credit

(9335) Interior Design A (9336) Interior Design B (9337) Interior Design C

Prerequisite – Interior Design I & II - \$50 supplies

Fall Trimester will cover the basic elements, and principles of design, and appropriate interior applications will be stressed in this class. Advanced color theory and color applications will be introduced. Winter Trimester will introduce students to quick sketching skills. Also, we will concentrate on the study of furniture, as well as, Ancient, Renaissance, American Colonial, and Contemporary architecture and interior design history.

12 3 Trimesters 4.5 CTE Credit

(9147) Intro to Heavy Equip Operations A (9148) Intro to Heavy Equip Operations B (9149) Intro to Heavy Equip Operations C

Prerequisite – Must have valid driver's license; \$25 Fee

This course is designed to provide an introduction to the heavy equipment industry and basic heavy equipment operation. Students will be instructed by trained operators that have been employed in the heavy equipment operations industry. Each student will receive hand on experience with the available equipment. The course modules include: OSHA 10 Hr Construction Safety Certification, Orientation to the Trade, Heavy equipment safety, Identification of heavy equipment, Basic operator techniques, Intro to earth moving, Determine and establish grades, Excavation math, Operate loaders, backhoes, excavators, and skid steers.

12 3 Trimesters 4.5 CTE Credit

(8805) Intro to Real Estate A (8806) Intro to Real Estate B (8807) Intro to Real Estate C

***\$15 Consumable packet**

New Real Estate-Home ownership epitomizes the “American Dream” and buying a home is the biggest investment most people make in their lifetime. Students enrolled in this course will be introduced to understanding the sales/marketing process, investing in real estate, and the many steps in buying and selling a home. Focus of the course will also include financing sources, customer relations, the use of advertising and the media, and careers in real estate.

12 3 Trimesters 4.5 CTE Credit

(9205) Machine Shop A (9206) Machine Shop B (9207) Machine Shop C

Prerequisite - \$10-20 supplies & workbooks

This class will appeal to those who like to create items using their minds and hands. They will be using hi-tech equipment such as lathes, mills, and CNC (Computer Numerical Control) equipment to turn and mill surfaces to precise measurements. Advanced students will develop drawings using Computer Aided Drawing (CAD) systems, then build parts using CNC equipment.

12 3 Trimesters 4.5 CTE Credit

(9090) Media Design A (9091) Media Design B (9092) Media Design C

Learn tool and techniques to develop creative internet and print materials. Develop an understanding of the current software applications and methods for design. Build a strong foundation in the diverse fields of graphic design, digital video and multimedia design. Content areas include but not limited to 3D Modeling and Animation, Computer Graphic Design, and Computer Illustration.

12 3 Trimesters 4.5 CTE Credit

(9345) Medical Terminology

This is the prerequisite for LPN program. This class is for students who plan to pursue a career in health care. Students will learn the terminology used in medical transcription, medical assisting, nursing assisting, nursing, physical therapy, and all other health care fields. The class enables the student to read physicians' transcription tapes and patient charts.

12 1 Trimester 1.5 CTE Credit

(9215) Professional Retail Meat Cutting A (9216) Professional Retail Meat Cutting B (9217) Professional Retail Meat Cutting C

Prerequisite – Knives – can buy or rent for \$20-120

This program is designed to teach students the basic skills for a prosperous and satisfying career in the meat production industry. The curriculum includes: The harvesting of beef, pork, and lamb; the wholesale, retail and custom meat cutting practices; knife care; purchasing; inspection; merchandising; advertising; and public relations. The course is totally a hands-on experience with state-of-the-art equipment. This career path offers excellent job opportunities with high earning potential

12 3 Trimesters 4.5 CTE Credit

(8796) Veterinarian Assistant/Pre-Vet Tech A (8797) Veterinarian Assistant/Pre-Vet Tech B (8798) Veterinarian Assistant/Pre-Vet Tech C

Prerequisite – Fees approx. \$67-\$133 (dissection kit, stethoscope, scrubs, etc)

Learn animal nursing, emergency care, veterinary terminology and anatomy. Introduces skills needed to keep animals healthy and to nurse them when they are ill, including, obtaining animal health histories and records, providing specialized nursing care under the direction of a veterinarian, assisting in surgical procedures, washing, feeding, and caring for animals, understanding animal communication, behavior, and training.

12 3 Trimesters 4.5 CTE Credit

(9245) Welding Technology A (9246) Welding Technology B (9267) Welding Technology C

Prerequisite – Welding High School, Supplies, and workbooks, approx. \$30-80

This course offers basic training in seven major welding processes, which will teach entry-level skills for production and industrial employment. Blue print reading; weld inspection, basic metallurgy, layout, and fabrication skills are taught with hands-on welding. If desired, students who enroll for consecutive trimesters will be into advanced arc welding processes, robotics, and welding certification.

12 3 Trimesters 4.5 CTE Credit

BUSINESS

(8150) Accounting IA (8151) Accounting IB

(This course can also be found in the Math section for 11th & 12th grade)

Prerequisite – Students must have passed Secondary Math II to take this course for a Math credit

Accounting is the language of business. Can you speak it? Students will develop skills beginning with an understanding of the basic elements and concepts of double-entry accounting systems. Students will gain a more thorough understanding of accounting concepts through the use of the computer accounting software. Accounting I & Managerial Accounting may be taken in the same year.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8156) Managerial Accounting A (Accounting III) (8157) Managerial Accounting B (Accounting IV)

This course is designed to prepare the student for the rigor of college accounting. It will focus more on the big picture of the hows and whys of decision making within organizations—not just the bookkeeping—and will include both financial and managerial accounting concepts.

11, 12 2 Trimesters 1.0 CTE Credit

(8118) Business Communications

(This course is also listed in the Language Arts Section for 12th grade)

Business Communication emphasizes the importance of effective written and spoken communication. Deciphering body language, learning negotiation skills for future careers, and researching current events are just a few things that this course encompasses.

10, 11, 12 1 Trimester .5 CTE Credit

(8175) Business Management

The Business Management course seeks to develop sound management concepts within students, as management plays a role in any future employment opportunity. Students are able to analyze, synthesize, and evaluate data from the other functional areas of business (e.g., marketing, finance, and production). Effective management requires decision-making abilities, long-range planning knowledge, human relations expertise, and motivational skills. Students learn the four basic functions of management.

10, 11, 12 1 Trimester .5 CTE Credit

(38055) Computer Technology

This course meets the .5 unit of Computer studies required for all students for graduation. The course includes the study of keyboarding, electronic mail, computer ethics, information resources, computer operating systems, document processing, spreadsheets, and electronic presentations. **Students who have taken Computer Technology in the 9th grade have met the requirement and do not need to take this course. Concurrent Enrollment, USU OSS 1400 (Microcomputer Applications) will also fill this requirement.**

10, 11, 12 1 Trimester .5 CTE Credit

(0390) CTE Internship

Prerequisite – PCCR Career Focus App determines acceptance

***Mrs. Lunt's Signature**

This class was developed with the goal of helping students identify a career choice, to participate in on site training, and to make a successful transition from school to career and/or further education. Internships offer a unique educational experience that goes beyond the scope of traditional classroom learning. Internship consists of two components: 1. Critical Workplace Skills and Seminar. 2. On Site Training: You will be required to keep a time log, complete a career skills grid and provide both oral and written evaluations of your internship.

12 1 Trimester (2 hour block) 1.0 CTE Credit

(8130) Desktop Publishing

Will be offered 3rd trimester. Must be taken if you are in the Yearbook class.

Graphic Design is a form of communicating visually using text and/or images to present information, or promote a message. This class uses Adobe In Design as well as other software programs to design various publications such as business cards, letterheads, calendars, party invitations, newsletters, magazine layouts, and brochures.

10, 11, 12 1 Trimester .5 CTE Credit

(8166) Economics For Business

Understand how various economic systems impact individuals and businesses. Identify the characteristics of the US Economy, and learn to make better economic decisions. If you like business, you'll love this class.

10, 11, 12 1 Trimester .5 CTE Credit

(8113) Entrepreneurship

Want to be your own boss? Have a great business idea (or lots of ideas)? This class is all about how to start and run your own successful business. Learn how to analyze your business idea from multiple angles, how to legally start a business in the State of Utah, and write a complete business plan that you get to pitch for the chance to win a business start-up grant! Taught by USU Extension personnel who are Certified Business Analysts, this Entrepreneurship course will prepare you to become the entrepreneur you know you can be. Due to the competitive nature of this course it will only be available to seniors.

11, 12 1 Trimester .5 CTE Credit

(8124) Leadership Principles

This course is recommended for student leaders who have great ambitions and enthusiasm for the school and student body – but this alone does not create success. This class teaches how to be an “effective leader.” Concepts of goal setting, motivation, team building, time management, conflict resolution, dealing with stress, and much more are discussed.

10, 11, 12 1 Trimester .5 CTE Credit

(8114) Marketing

All success in business starts and ends with MARKETING, from developing creative new products, setting the right price, getting your product on the shelf and telling customers how your product will bring them happiness. It's all about Marketing.

10, 11, 12 1 Trimester .5 CTE Credit

(0468) USU BUSN 1021 – Intro to Personal Financial Planning

Prerequisite – Must have a 3.0 GPA

Textbook Fee

Introduction to concepts of financial planning for individuals. Taking this class will fill the General Financial Lit requirement.

11, 12 1 Trimester 1.0 EL Credit (USU 3 College hours)

(8160) USU OSS 1400 MS Office Applications

***Must have a 3.0 GPA**

This course will cover ethics, operating systems, and word processing. Spreadsheets and presentation applications will be taught. The MOS exams will also be given. Students will receive 3 semester credits through USU upon successful completion of this course.

11, 12 1 Trimester 1.00 CTE Credit

(8110) Web Page Design

Prerequisite – Type 30wpm

The worlds of Web and visual arts collide in this cutting edge introductory course on web page design. In this course you will learn how to build and design websites and use html coding that will set you apart from other web developers.

10, 11, 12 1 Trimester .5 CTE Credit

(8111) Web Page Design, Advanced

Prerequisite – Web Page Design

This course provides skill development in the electronic procedures of producing, editing, publishing, and maintaining document on the Internet. HTML, Dreamweaver and Fireworks will be used to create, format, illustrate, design, edit/revise, and publish documents on the World Wide Web. Proofreading, document composition, design composition and communication competencies are included.

10, 11, 12 1 Trimester .5 CTE Credit

(8119) Word Processing

Prerequisite – Type 30wpm

The Microsoft Word software program is used to develop the skills of creating, formatting, editing, revising and printing business documents.

10, 11, 12 1 Trimester .5 CTE Credit

FAMILY & CONSUMER SCIENCE**(8015) Adult Roles & Responsibilities**

Students will develop skills for life in building relationships. Units to be covered are about self-management, communication, families, dating, engagement, marriage, parenting and financial management. Foundation class for Family and Human Services CTE Pathway.

11, 12 1 Trimester .5 CTE Credit

(8040) Apparel Design & Product I

“Let the Sewing Begin” is the theme of this basic clothing construction course. A variety of project options will be available for students to choose from, including paper pieced product, blanket stitched tea towel, sampler pillow, fleece hats and socks, fabric wallets, and hoodies. Basic skills will be taught in a manner that promotes the enjoyment of sewing and a love of crafting Elective class for Interior Design Pathway.

10, 11, 12 1 Trimester .5 CTE Credit

(8000) Child Development

Students will cover units in Parenting; Prenatal Development including terminology, growth, child birth, labor and delivery; growth and development of the Neonate, toddler and preschooler; child abuse and neglect, divorce and death. They will experience teaching preschool age children and also participate in the Reality Works Real Care Baby. Foundation class for Family and Human Services CTE Pathway.

10, 11, 12 1 Trimester .5 CTE Credit

(8012) Early Child Intern (Cub Teacher)

Prerequisite – Child Development

***Teacher’s Signature**

Students will assist cooperating teachers in the Elementary classroom teaching and preparing activities. Experience gained in this class will help students assess career options in the child development field. Students may take this course for 2 trimesters. Students will need to furnish their own transportation.

11, 12 1 Trimester (3rd trimester) .5 CTE Credit

(8025) Food & Nutrition Sciences I

Students will understand the principles of food preparation: including the selection, preparation, and care of food. Units covering dietary guidelines and choosemyplate.gov, nutrients, meats vegetables, fruits, rice, grains, pasta, quick breads, eggs, milk, cakes and cookies will all be discussed. Students will have the opportunity of preparing all of these types of foods. Foundation class for Family & Human Services and Food Sciences, Dietetics & Nutrition CTE Pathway. Students will complete training comparable to that required for the ServSafe Food Handlers Certificate with the option to acquire a Food Handlers Permit from Bear River Health Department through the Utah Restaurant Association.

10, 11, 12 1 Trimester .5 CTE Credit

(8026) Food & Nutrition II**Prerequisite – Food & Nutrition I**

Food preparation will be keyed to management and sanitation with an emphasis on the food industry and knife skills. Techniques in salad preparation, soups and sauces, casseroles, yeast breads and pastry, meats and poultry. Explore health concerns, MyPlate, dietary guidelines throughout the life cycle, consumerism, budgeting meal planning, management, and meal service. Elective class for Family & Human Services Pathway and foundation class for Food Services and Culinary Arts Pathway.

10, 11, 12 1 Trimester .5 CTE Credit

(8055) Interior Design I

This course will offer students an introduction to the multifaceted world of design. Students will study professional presentation methods, housing needs, the elements and principles of design including color and color schemes. Students will also learn how to evaluate & design functional, aesthetically pleasing interiors. Foundation class for Interior Design CTE Pathway.

10, 11, 12 1 Trimester .5 CTE Credit

(8056) Interior Design II**Prerequisite – Interior Design I**

This project-based course will offer students a closer look at the finer aspects of interior design as well as an introduction to architectural styles. The following units will be covered: Design & Function of Interior Space, Surface Treatments & Backgrounds, Furniture Construction, Furniture Identification & History, and Architecture. Field trips to various types of homes and constructions will be taken. Career options in the field of interior design will also be discussed. Foundation class for Interior Design CTE Pathway.

11, 12 1 Trimester .5 CTE Credit

INFORMATION TECHNOLOGY**(8201) 3D Graphics**

Are you interested in how video games or animated movies are made? This class will introduce you to the world of 3D modeling. Students will learn how to create realistic-looking 3D objects using Cinema 4D software. Students will learn a variety of methods used to build 3D objects including lofting, sweeping, extruding, using primitive objects, and editing points, edges, and polygons. Students will create materials, textures, add lighting to their scenes, and use rendering technology to create high-quality images of their work.

10, 11, 12 1 Trimester .5 CTE Credit

(8202) 3D Animation**Prerequisite – It is recommended, but not required, that students take 3D Graphics & Animation A before taking this class).**

In this class, students will learn techniques that skilled animators use to entertaining 3D animations. This applies to the video game industry and any type of animated movie industry. Students will create 3D objects and animate them in various ways. Students will create a 3D character and build a “bone” structure that controls how their character moves. The final project in this class is to create an animated movie that features at least one animated character.

10, 11, 12 1 Trimester .5 CTE Credit

(8515) PLtW Computer Science & Software A (8516) PLtW Computer Science & Software B**(This class is also listed in the Optional Science Section)**

Students create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. They collaborate to create and present solutions that can improve people’s lives. Students will be prepared to take the AP Computer Science Principles exam, if they chose to do so.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8205) Digital Media IA (8206) Digital Media IB**Prerequisite- Type 30wpm**

This is the first year course in the Digital Media program that focuses on the process of planning, instructional design, and development. Students will create interactive computer applications using the elements of text, 2-D, animation, sound, video, and digital imaging focusing on a general overview of the digital media design and development process. These skills can prepare students for entry-level positions and other occupational education goals.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8208) Digital Media II**Prerequisite – Digital Media I**

Digital Media Production will be project driven and students will also increase skills in the use of various media. These skills can prepare students for entry-level positions and other occupational-educational goals.

11, 12 1 Trimester .5 CTE Credit

TECHNOLOGY**(8581) WSU CAD Arch Design I (Architectural Drafting I) (Also listed in Concurrent Enrollment)**

In this class, students will learn how to design a well-planned home, following proper building codes. Students will use Chief Architect software to design and model homes in 3D. A partial set of house plans will be created.

10, 11, 12 1 Trimester .5 CTE Credit (WSU 3.0 College Hours)

(8610) WSU CAD Arch Design 2A (Architectural Drafting II) (Also listed in Concurrent Enrollment)**Prerequisite – Architectural Drafting I**

In this class students will learn additional capabilities of Chief Architect software and create more substantial house plan sets. Students will have opportunities to design their own structures in this class.

10, 11, 12 1 Trimester .5 CTE Credit (WSU 3.0 College Hours)

(9218) Automated Manuf & Robotics A AM (9219) Automated Manuf & Robotics B AM (9220) Automated Manuf & Robotics C AM

***This class will be taught during 0 hour (6:45 a.m. – 7:40 a.m.)**

***\$40 Lab Fee**

Complete a BATC, industry-recognized certificate shortly after graduation from high school! This certificate also counts as 30 credits toward an Associate's degree at USU (equivalent to 1 year) – tuition free! Explore a wide range of fun, interactive projects using robotics, programming, pre-engineering skills, and more. Discover 'real world' experiences with industry internships at recognized local companies.

Examples of topics covered: **Microcontrollers, Industrial Robotics:** How to control industrial robots and vision systems through simulation and then on real thing. **Advanced Composites:** How to fabricate parts made of fiberglass and carbon fiber. **Fluid Power:** The basics of fluid power systems, how to use schematics, to construct circuits, operation and symbols. **Industrial Mechanics:** Will receive knowledge and hands-on training with mechanical systems. **Drone Piloting:** To fly, program, and assemble aerial drones. **Basic Electrical:** How to wire basic electrical circuits. **Motors and Motor Controls:** Operation of AC and DC motors as well as how to wire motor control circuits **PLC (Programmable Logic Controllers):** How to program the brain behind most manufacturing facilities using a variety of sensors and other devices.

11, 12 1 - 3 Trimesters .5 – 1.5 CTE Credit

(8416) Computer Integrated Manufacturing A (8417) Computer Integrated Manufacturing B (Project Lead the Way)

***Prerequisite – Introduction to Engineering Design**

In this class, students will learn how to use a CNC milling machine to manufacture items. This is also a "how it's made" class, where students will learn various manufacturing methods. Students will virtually program a manufacturing robot. Students use Autodesk Inventor to create and analyze 3D parts. Students will create a working model of a manufacturing system using Vex Robot components.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8102) Digital Photography I

In this class, students will learn how to use both a point-and-shoot and a digital SLR camera. If students don't have a digital camera, a camera may be borrowed from the school. Students will learn tips for capturing better photos. Using Photoshop software to adjust and edit images will be covered. Several other creative projects will also be created with Photoshop.

10, 11, 12 1 Trimester .5 CTE Credit

(8112) Digital Photography II

Prerequisite – Digital Photography I

Students will create a portfolio of their photographic work. Canon Digital SLR cameras will be studied more in depth and used frequently in this class. (Students are not required to have a SLR camera of their own). Students will learn how to use lighting equipment to enhance their photography. Students will use various lenses, a remote-controlled strobe light, and other camera accessories. Students will continue enhancing their skills with Photoshop.

11, 12 1 Trimester .5 CTE Credit

(8421) Engineering Development & Design A (8422) Engineering Development & Design B

Prerequisite – Principles of Engineering and Secondary Math III

Students will perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams of students will design, build, and test their solution. Finally, student teams will present and defend their original solution to an outside panel. While progressing through the engineering 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.

12 2 Trimesters 1.0 CTE Credit

(8414) Introduction to Engineering Design A (8415) Introduction to Engineering Design B

Students will learn Inventor (3D Modeling Software). This course introduces students to the field of engineering and teaches problem solving skills using the design process. We will cover most aspects of mechanical design, research and documentation.

10, 11, 12 2 Trimesters 1.0 CTE Credit

(8525) Introduction to Law Enforcement

Law Enforcement is for those students who are interested in a career in police work and the law enforcement field.

11, 12 1 Trimester .5 CTE Credit

(8075) Medical Anatomy and Physiology A (8076) Medical Anatomy and Physiology B

(This course is also listed in the Science Section for 11th and 12th grades)

Medical Anatomy and Physiology is a course for future health care professionals. It provides students with study of Health Science. Anatomy, Physiology, basic medical terminology and disease and disorders are covered during this course. Labs include: heart, brain and eye dissection. MAP is part of the Health Science Pathway. It is a great course to take with Medical Term.

11, 12 2 Trimesters 1.0 CTE Credit or 3rd Year Optional Science Credit

(8423) Principles of Engineering A (8424) Principles of Engineering B

(This course is also listed in the Science Section for 11th and 12th grades)

Principles of Engineering (POE) gives students the opportunity to investigate engineering and high tech careers through activity-, project-, and problem-based (APPB) learning. To be successful in POE, students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. POE is one of the foundation courses in the Project Lead The Way high school engineering program. The course of study includes: mechanisms, energy sources, energy applications, machine control (robotics), fluid power, statics, material properties, material testing, statistics, and kinematics.

11, 12 2 Trimesters 1.0 CTE Credit

ELECTIVE COURSES – 11.0 Elective Credits Required for Graduation

CONCURRENT ENROLLMENT

(0468) BUSN 1021 – Intro to Personal Financial Planning

Prerequisite – Must have a 3.0 GPA

Textbook Fee

Introduction to concepts of financial planning for individuals. Taking this class will fill the General Financial Lit requirement.

11, 12 1 Trimester 1.0 EL Credit (USU 3 College hours)

(6082) POLS 1100 – United State Government and Politics

Prerequisite – Must have a 3.0 GPA

USU Broadcast – Textbook Fee

U.S. Constitution, political parties and elections, interest groups, Congress, president, bureaucracy, courts, and civil rights and liberties. This course meets the Americanization requirement.

11, 12 1 Trimester 1.0 EL Credit (USU 3 College hours)

(6093) PSYCH 1010: General Psychology

Prerequisite – Must have a 3.0 GPA

USU Broadcast – Textbook Fee

Explores basic areas of psychology, and how each explains human thought and behavior of the individual, familial and cultural levels.

11, 12 1 Trimester 1.0 EL Credit (USU 3 College hours)

(4055) USU English 1010 (Introduction to Writing)

Prerequisite – 3.0 overall GPA; 17 Composite ACT

***Mrs. Jensen's Signature**

Students learn skills and strategies for becoming successful academic readers, writers, and speakers. They read and write critically, generate and develop ideas, work through multiple drafts, collaborate with peers, present ideas orally, and use computers as writing tools.

12 1 Trimester 1.0 LA Credit (USU 3 College Hours)

(4060) USU English 2200 (Understanding Literature)

Prerequisite – Must have a 3.0 overall GPA; 17 Composite ACT

***Mrs. Jensen's Signature**

Students are required to purchase a literature anthology and novel. To be eligible for enrollment, students must have at least a 3.0 overall GPA or a 24 or more on the ACT test. This class fulfills a general education requirement at the university level. Students will receive three semester credits through Utah State University upon successful completion of this course. All genres of literature will be covered.

12 1 Trimester 1.0 LA Credit (USU 3 College Hours)

(8472) USU Intro to Horticulture 1800 A (8473) USU Intro to Horticulture 1800 B

(This course is also listed under Optional Science)

***Must have a 3.0 GPA**

Anyone planning to go to college should be enrolled in this course. Success in this class results in earning 3 Breadth Life Science (BLS) credits that are required for most majors. Additionally, you will gain knowledge and skills in plant production which will serve you well as a homeowner, gardener and food consumer. Active participation in the school greenhouse is expected as we grow a variety of plants to sell to the community.

11, 12 2 Trimesters 1.0 CTE Credit (3 College Hours)

(8160) USU OSS 1400

***Must have a 3.0 GPA**

This course will cover ethics, operating systems, electronic mail, word processing and database management. Internet information sources, spreadsheets and presentation applications will be taught. Students will receive 3 semester credits through USU upon successful completion of this course. Students are required to purchase a textbook and pay CIL fee.

11, 12 1 Trimester 1.25 CTE Credit

(8581) WSU CAD Arch Design I (Architectural Drafting I)

(This class is also listed in the Technology Section)

In this class, students will learn how to design a well-planned home, following proper building codes. Students will use Chief Architect software to design and model homes in 3D. A partial set of house plans will be created.

10, 11, 12 1 Trimester 1.0 CTE Credit (WSU 3 Semester Credits)

(8610) WSU CAD Arch Design 2A (Architectural Drafting II)

(This class is also listed in the Technology Section)

Prerequisite – Architectural Drafting I

In this class students will learn additional capabilities of Chief Architect software and create more substantial house plan sets. Students will have opportunities to design their own structures in this class.

10, 11, 12 1 Trimester 1.0 CTE Credit (WSU 3 Semester Credits)

(8068) WSU Introduction to Emergency Medical Responder**Prerequisite – Must have a 3.0 GPA or higher**

Advanced emergency medical information and skills. Possible certifications with American Red Cross are: CPR Professional Rescuere, Emergency Responder, AED, Administering Oxygen, and Bloodborne Pathogens. Those interested in the medical field, law enforcement and public safety should consider this course.
11, 12 1 Trimester 1.0 CTE Credit (WSU 3 Semester Credits)

(7060) WSU Exercise Science / Sports Medicine A (7061) WSU Exercise Science / Sports Medicine B**Prerequisite – Biology; Must have a 3.0 GPA*****Mrs. Cutler’s Signature**

Provide an educational experience for students interested in medical related careers. Learn essentials of anatomy, exercise physiology, nutrition and biomechanics. Students will study and practice treatment and preventive training techniques. Be available to work after school.
11, 12 2 Trimesters 1.0 CTE Credit (WSU 3 Semester Credits)

(3130) WSU HTHSCI 1101 / Medical Terminology***Mrs. Cutler’s Signature****Prerequisite – Must have a 3.0 GPA**

This course provides the basic knowledge and background of the technical language of medicine. This course is an essential prerequisite for students planning to take any medical or science course in the future.
11, 12 1 Trimester 1.0 EL Credit (WSU 2 Semester Credits)

(3125) WSU HTHS 1110/1111 Human Anatomy A, (3126) WSU HTHS 1110/1111 Human Anatomy B, (3127) WSU HTHS 1110/1111 Human Anatomy C

Integrated Human Anatomy and Physiology I and II is a three trimester class that focuses on the structure and function of the human body. This class will be streamed to Bear River directly from Weber State University, proctored and assisted by Mrs. Cutler. Weekly integrated laboratory sessions serve to enhance the lectures through discussions, data analysis, hands-on activities, and activities utilizing cadaver specimens and interactive digital cadaver technology. This class is the pre-requisite class series for the RN and Dental Hygienist Programs at Weber and BATC. This class will only be taught 1st hour each trimester, as it will be streamed to Bear River High School.
11, 12 3 Trimesters 2.5 Optional Science Credit (WSU 8 HTHS Credits)

ELECTIVES**(1220) Cinema**

This class explores the art of film and its impact on society. The class will watch a number of films that illustrate different elements of filmmaking. For example: cinematography, art direction acting, etc...The class will take quizzes and fill out worksheets on the films and write three film reviews. There will also be a number of panel discussions concerning the issues brought up in films.
10, 11, 12 1 Trimester .5 EL Credit

(0430) Counseling Aide***Mrs. Kim Christensen’s Signature & Application**

Students will assist with answering the phone, taking call slips to students, and other tasks that are assigned.
11, 12 1 Trimester .5 EL Credit

(6035) Current Issues**(This class is also listed in the Social Science Section)**

This course is designed to increase awareness of current events on a regional, national, and global scale. Our reference material for the class will consist of various forms of news media and quest speakers.
10, 11, 12 1 Trimester .5 EL Credit

(6095) Debate / Speech**(This class is also listed in the Language Arts section for 12th grade)**

Speech and Debate is a course designed to give students the opportunity to learn basic communication theory, including verbal and nonverbal communication, listening skills, and language. With this basic knowledge, students will then progress to the practical aspects of public speaking through a step-by-step building process that culminates in a variety of presentations. The first half of the trimester will be speech presentations while the last half of the trimester will focus on Lincoln-Douglas debate. Formal speech and debate presentations will be enhanced by a number of informal presentations that begin at the onset of the course.
10, 11, 12 1 Trimester .5 EL Credit

(4075) Journalism**(This class is also listed in the Language Arts section for 12th grade)**

Course covers every aspect of newspaper production, with extensive writing assignments including writing for school and local newspapers. A “B” average or higher in previous English classes is required. Enrollment limited.
10, 11, 12 1 Trimester .5 EL Credit

(4187) Latinos in Action A (4188) Latinos in Action B

***Must take both A&B Sections**

***Counselor or Registrar Signature Required**

Latinos in Action (LIA) is a class/program that inspires bilingual Latino students to utilize their language skills in supporting their school and community and propels students toward a career through education. LIA is aimed to identify top Hispanic students at the high school who could serve as role models and para-educators in the local elementary and intermediate schools. Latinos in Action provides opportunities for Hispanic high school bilingual students to give service in their own communities. Along with the tutoring, these para-professional students will serve as translators during their parent/teacher conferences as well as the elementary level parent/teacher conferences. The Bilingual students who are in Latinos in Action are students who learn the importance of serving others and are able to succeed academically in the process. **A GPA of at least 2.5 is required.**

10, 11, 12 2 Trimesters 1.0 EL Credit

(0340) Office Assistant

***Mrs. Wood's Signature and Application**

Students will assist with answering the phone and taking messages to the staff members and students and performing other tasks as assigned.

11, 12 1 Trimester .5 EL Credit

(0420) Peer Tutor A (0421) Peer Tutor B (0422) Peer Tutor C

***Mrs. deHaan's Signature**

A select group of students give assistance and represent role models for students with a variety of disabilities. Responsibilities may include helping in the Special Education class, helping in a job-training situation, or taking notes and tutoring regular class subjects. Register for this class by teacher signatures only. This class is an elective credit with pass/fail grade.

10, 11, 12 1 Trimester .5 EL Credit

(6025) Psychology

(This class is also listed in the Social Science Section)

In this class, we will study how the human senses, perceives, feels, thinks and acts. Areas of focus will include sensation perception, learning, memory, personality and social interactions among groups. Students will learn what shapes their behavior, attitudes and personality.

11, 12 1 Trimester .5 EL Credit

0100) Released Time A (0110) Released Time B

*** 2 trimesters - Prerequisite – Parent release form signed**

Non-credit released time taught by the Church of Jesus Christ of Latter-Day Saints.

10, 11, 12 2 Trimesters

(6030) Sociology

(This class is also listed in the Social Science Section)

This course studies human society and social behavior. Sociologists are mainly interested in social interaction and how people relate to one another. In this course, the student will study cultures and social structures.

10, 11, 12 1 Trimester .5 EL Credit

(1210) Stage Tech A (1211) Stage Tech B

***APPLICATION REQUIRED – Pick up and return applications in the Counseling Center to Kim Christensen**

This class will give students the opportunity to apply knowledge of theatrical structure and design. The class will design and construct the set, lighting, and sound for the particular production that will be performed that trimester. The purpose of the class is to give students the individual opportunity to express themselves through design and implementing ideas.

10, 11, 12 2 Trimesters .5 - 1.0 EL Credit

(0410) Student Government A (0411) Student Government B (0412) Student Government C

***Will be scheduled after elections**

Student body officers should take three trimesters of Student Government. Class presidents, vice-presidents and secretaries should take Student Government Fall and Spring Trimesters. Class Senators should take Student Government Winter Trimester.

10, 11, 12 2 – 3 Trimesters 1.0 – 1.5 EL Credit

(4080) Yearbook A (4081) Yearbook B

***Mrs. Brinkerhoff's signature**

This course is designed to produce the *Bearfax* Yearbook. Students are required to sell and design ads, create layouts and collect pictures from groups and individuals. Before and after school time will be required to meet deadlines. Attendance at a yearbook camp during the summer prior to this course is preferred.

11, 12 2 Trimesters 1.0 EL Credit

(7095) Water Safety Instruction – 1st Hour Peer Tutor

***Mrs. Jen Christenson's signature**

This is the 1st hour peer tutor class that will be swimming with the Special Education class. You can receive a P.E. credit for this class. You will receive a Pass/Fail for this class.

10, 11, 12 1 Trimester .5 PE Credit or .5 EL Credit

FOREIGN LANGUAGE

Foreign Language levels 3 and 4 can count for Elective OR Language Art Credit for 12 Grade only.

(4146) Chinese IA (4167) Chinese IB

This course in conversational Chinese emphasizes on skills needed to give a basic into of name, age, grade in school, family and favorite activities. Students will begin learning to read and write simplified Chinese characters as well as explore the culture.

10, 11, 12 2 Trimesters 1.0 EL Credit

(4148) Chinese IIA (4149) Chinese IIB

Prerequisite – Chinese I

This course will expand on the skills of first year as well as adding new vocabulary. Students will increase their reading and writing ability using the simplified character writing system.

11, 12 2 Trimesters 1.0 EL Credit

(4210) French IIIA (4211) French IIIB

Prerequisite – French II

Speaking and reading skills will be emphasized and greater fluency and language skills will be achieved.

10, 11, 12 2 Trimesters 1.0 EL Credit

(4215) French IVA (4216) French IVB

Prerequisite – French III

Speaking and reading skill will be emphasized in several new tenses. An improved fluency in the language will be achieved.

11, 12 2 Trimesters 1.0 EL Credit

(4220) French VA (4221) French VB

Prerequisite – French IV

Speaking and reading skill will be emphasized in several new tenses. An improved fluency in the language will be achieved

12 2 Trimesters 1.0 EL Credit

(4150) Spanish IA (4151) Spanish IB

This course in conversational Spanish is designed for students who have never taken Spanish or who may have taken only one year. The present tense for common regular and irregular verbs will be presented through classroom drills, games, written work, and music.

10, 11, 12 2 Trimesters 1.0 EL Credit

(4155) Spanish IIA (4156) Spanish IIB

Prerequisite – Spanish I

Spanish I material is reviewed and new material is taught. The emphasis will be on listening comprehension, speaking and writing.

10, 11, 12 2 Trimesters 1.0 EL Credit

(4160) Spanish IIIA (4161) Spanish IIIB

Prerequisite – Spanish II

This course includes a complete review of materials previously studied. Greater fluency and language skills will be achieved through activities, reading, written work, oral presentations, and music.

10, 11, 12 2 Trimesters 1.0 EL Credit

(4165) Spanish IVA (4166) Spanish IVB

Prerequisite – Spanish III

Common regular and irregular verbs will be mastered in the present, preterit, imperfect, future, and conditional tenses. Vocabulary and fluency will be increased through activities, reading, written work, oral presentations, and music.

11, 12 2 Trimesters 1.0 EL Credit

(4170) Spanish VA (4171) Spanish VB

Prerequisite – Spanish IV

All verb tenses will be reviewed. Fluency will be increased through activities, reading, written work, oral presentations and music. Subjunctive tenses will be introduced. Customs, culture, history, and overall cultural awareness.

12 2 Trimesters 1.0 EL Credit

GEN FINANCIAL LITERACY - .5 Financial Lit Credit Required for Graduation

(0470) General Financial Literacy

This instructional course prepares students to understand the values, needs, wants, goals, and resources that enable youth and adults to meet financial responsibilities. It will also help students to make rational lifetime economic decisions that will contribute to family stability and quality of life.

11, 12 1 Trimester .5 TF Credit

**HEALTHY LIFESTYLES - .5 Health Credit, .5 9th Grade PE,
.5 Participation Skills/Fitness for Life & .5 Additional PE Credit Required for Graduation**

(7040) Aerobics

This course helps each student adopt a personal lifestyle that will achieve physical fitness. Students will identify and understand all the components of fitness, strength, flexibility, coordination, endurance, weight control, nutrition and stress management. It is also designed to improve personal fitness levels and fitness knowledge in an advanced process.

10, 11, 12 1 Trimester .5 PE Credit

(7140) Aerobics / Conditioning (Cheerleaders) (0501)

Will be scheduled after tryouts

This class is designed to prepare students for competitive athletic and performance situations by using fitness and mental training.

10, 11, 12 2 Trimesters (1st & 2nd) .5 PE Credit .5 EL Credit

(7080) Body Conditioning I

This class will focus on weight training, flexibility, plyometric, and cardiovascular conditioning. Students, with the help of the instructor, will develop and follow a computerized strength-training program to meet individual needs for personal development. The class will also cover various aspects of performance enhancement training particularly in the areas of relaxation and mental imagery, which will be of assistance to the student in both competitive sport and non-sport situations.

10, 11, 12 1 Trimester .5 PE Credit

(7130) Dance I

(This class is also listed in the Performing Art Section)

This course is for beginning dance & tumbling students. It will provide development of such things as physical strength, flexibility, endurance and coordination. Instruction will include Beginning Modern Movement, Military, Ballet, Tap, Jazz, and Tumbling. Students will expand their dance vocabulary and their creative powers through improvisation, and performance.

10, 11, 12 1 Trimester .5 PE Credit

(7136) Dance II

(This class is also listed in the Performing Art Section)

This is an advanced course in Dance and Choreography. Modern Movement, Military, Ballet, Tap, Jazz, and Tumbling techniques will be covered. A study of choreography along with choreographers and teaching techniques will be explored along with Artistic expression and performance. Students will expand their dance vocabulary skills, and develop their creative powers.

10, 11, 12 1 Trimester .5 PE Credit

(1143) Dance III (1144) Dance IV

***Teacher's Signature**

Enrollment in this course is determined based off of audition. Students will be given the opportunity to perform in different situations such as the Dance Company concert, improve technique, perform in dances choreographed by student choreographers, as well as have the opportunity to choreograph for the company. This is an advanced dance course.

10, 11, 12 2 Trimesters 1.0 Fine Art Credit

(7120) Social Dance I

(This class is also listed in the Performing Art Section)

Western Swing, Waltz, Foxtrot, Cha-Cha and precision production line dancing will be taught. The class will achieve physical fitness, flexibility, coordination and stress management.

10, 11, 12 1 Trimester .5 PE Credit

(7125) Social Dance II

Prerequisite – Dance III (Social Dance I)

(This class is also listed in the Performing Art Section)

This course offers the student the opportunity to expand their dance capabilities through advanced technique and dance rhythms. All forms of dance will be explored and students will have opportunities to develop skills through performance.

11, 12 1 Trimester .5 PE Credit

(7015) Fitness for Life / BOYS

This class is designed to fill core PE requirements for boys in the 10th grade. This course will help each student adopt a personal lifestyle that will achieve physical fitness. Specifically, students identify and understand all of the components of physical fitness, including cardiovascular fitness, strength, flexibility, endurance and weight control, nutrition and stress management. It includes participation in aerobic sports, aerobic activities and testing of fitness levels.

10 Required 1 Trimester .5 PE Credit

(7025) Participation Skills / GIRLS

This class is designed to fill core PE requirements for girls in the 10th grade. This course will help each student adopt a personal lifestyle that will achieve physical fitness. Specifically, students identify and understand all of the components of physical fitness, including cardiovascular fitness, strength, flexibility, endurance and weight control, nutrition and stress management. It includes participation in aerobic sports, aerobic activities and testing of fitness levels.

10 Required 1 Trimester .5 PE Credit

(7000) Health II

The increased knowledge and concern in the area of health science has made health education an important part of the high school curriculum. This class is responsible for developing and understanding proper attitudes toward health concepts in young people.

10 Required 1 Trimester .5 PE Credit

(7100) Lifetime Sports

Students will acquire skills in a variety of lifetime activities that contribute to sustain fitness and well being, not only as a student, but also as a future adult.

11, 12 1 Trimester .5 PE Credit

(7076) Strength Training / Girls Basketball (T)***Coach Park's Signature**

This class is designed to prepare students for competitive athletic and performance situations by using fitness and mental training. This class will have an emphasis on intermediate to advanced body conditioning.

10, 11, 12 1 Trimester .5 PE Credit

(7070) Strength Training / Varsity Football (VFB)***Coach Wise's Signature**

This class will focus specifically on the needs of the competitive football athlete in the areas of weight training, flexibility, plyometrics, conditioning and performance enhancement skills (i.e., relaxation, visual imagery, positive affirmation and goal.

10, 11, 12 1 - 3 Trimesters .5 – 1.5 PE Credits

(7072) Strength Training Wrestling (W)***Coach Smart or Coach Wilcox's Signature**

This class will focus specifically on the needs of the competitive wrestling athlete using fitness and mental training, personal development, body conditioning, performance enhancement skills and positive affirmation.

10, 11, 12 1 Trimester .5 PE Credit

(7073) Strength Training Basketball (BB)*** Will be scheduled after tryouts**

This class will focus specifically on the needs of the competitive basketball athlete using fitness and mental training, personal development, body conditioning, performance enhancement skills and positive affirmation.

10, 11, 12 1 Trimester .5 PE Credit

(7071) Strength Training Softball & Baseball (S)***Coach Hawes or Coach Bingham Signature**

This class will focus on the specific needs of the softball and baseball athlete using fitness and mental training, personal development, body conditioning, performance enhancement skills and positive affirmation.

10, 11, 12 1 Trimester .5 PE Credit

(7020) Swim for Life***This fills the Healthy Lifestyle requirement for 10th Grade**

This class is designed for students to learn various aquatic activities. They will be instructed in the 6 basic strokes and will participate in a variety of water activities. Students need a basic knowledge of swimming to sign-up.

10, 11, 12 1 Trimester .5 PE Credit

(7095) Water Safety Instruction – 1st Hour Peer Tutor***Ms. Christenson's Signature**

This is the 1st hour peer tutor class that will be swimming with the Special Education class. You can receive a P.E. credit for this class. You will receive a Pass/Fail for this class.

10, 11, 12 1 Trimester .5 PE Credit or .5 EL Credit

LANGUAGE ARTS – 4.5 Credits Required for Graduation

(4000) Language Arts 10A (4001) Language Arts 10B**Prerequisite – LA 9 A, B, C**

This course includes the implementation of the Utah Core State Standards for English. The main focus is to help ensure that all students are college and career ready in literacy. As students advance through this course, they will work on skills and strategies in reading, writing, speaking, listening, and language. Informational reading and argumentative writing are also emphasized in the Utah Core.

10 Required 2 Trimesters 1.0 LA Credit

(4015) Language Arts 11A (4016) Language Arts 11B**Prerequisite – LA 10 A, B**

This course stresses reading, writing, and critical thinking with special emphasis on argumentative writing. Research, informative, and narrative writing are also a primary focus. The literary focus is on American authors in a variety of genres: short stories, poetry, drama, novel and non-fiction. A short review for ACT test strategy is included. The Utah Core State Standards are followed exclusively.

11 Required 2 Trimesters 1.0 LA Credit

(4030) Language Arts 12A (4031) Language Arts 12B**Prerequisite – LA 11 A, B**

This course includes writing in the areas of problem analysis, solution, compare/contrast, and fiction with an emphasis on skills needed for graduation and the work force. Students will work on literary analysis, research, and presentation skills.

12 2 Trimesters 1.0 LA Credit

(4050) AP English Literature & Composition A (4051) AP English Literature & Composition B (4052) AP English Literature & Composition C***Mrs. Stapley’s Signature**

This course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This AP course gives students a head start on college while they are still in the supportive environment of a high school classroom. If students earn a qualifying grade on the AP Exam, they can receive credit for the equivalent course at college. No prerequisite GPA needed to enroll in this course.

11, 12 3 Trimesters 1.5 LA Credit

(4135) Business Communications**Prerequisite – LA 11 A, B****(This class is also listed in the Business Section for 11th & 12th Grades)**

Students will focus on methods of constructive communication skills. Competency will again be developed in oral, written, social, technological, employment, and organizational communication with listening skills incorporated throughout the semester. The goal is to provide students with a practical, proficient portfolio consisting of a resume, job application, and an oral presentation. 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.

12 1 Trimester .5 LA Credit

(6095) Debate / Speech**(This class is also listed in the Elective Section)**

Speech and Debate is a course designed to give students the opportunity to learn basic communication theory, including verbal and nonverbal communication, listening skills, and language. With this basic knowledge, students will then progress to the practical aspects of public speaking through a step-by-step building process that culminates in a variety of presentations. The first half of the trimester will be speech presentations while the last half of the trimester will focus on Lincoln-Douglas debate. Formal speech and debate presentations will be enhanced by a number of informal presentations that begin at the onset of the course.

12 1 Trimester .5 LA Credit

(4037) Fantastic English**Prerequisite – LA 11 A, B**

This Language Arts class requires extensive reading based on J.R.R. Tolkien’s fantasy trilogy, *The Fellowship of the Ring*, *The Two Towers*, and *The Return of the King*. Students will use rhetorical strategies to write reader’s responses to fantasy and a research paper. Analysis of nonfiction to fantasy is directly related to the Utah Core.

12 1 Trimester .5 LA Credit

(4075) Journalism**(This class is also listed in the Electives Section)**

Course covers every aspect of newspaper production, with extensive writing assignments including writing for school and local newspapers. A “B” average or higher in previous English classes is required. Enrollment limited.

12 1 Trimester .5 LA Credit

(4055) USU English 1010 (Introduction to Writing)**Prerequisite – 3.0 overall GPA; 17 Composite ACT*****Mrs. Jensen’s Signature**

Students learn skills and strategies for becoming successful academic readers, writers, and speakers. They read and write critically, generate and develop ideas, work through multiple drafts, collaborate with peers, present ideas orally, and use computers as writing tools. This class fulfills a general education requirement at the university level.

12 1 Trimester 1.0 LA Credit

(4060) USU English 2200 (Understanding Literature)**Prerequisite – 3.0 overall GPA; 17 Composite ACT*****Mrs. Jensen’s Signature**

Students are required to purchase a literature humanities anthology and novel and study poetry, short fiction, and drama. To be eligible for enrollment, students must have at least a 3.0 overall GPA or a 17 or more on the ACT test. This class fulfills a general education requirement at the university level. Students will receive three semester credits through Utah State University upon successful completion of this course.

12 1 Trimester 1.0 LA Credit

(4038) Western Literature**Prerequisite – Lang Arts 11 A&B**

Western Literature will feature literature based on immigration and migration, including John Steinbeck, James Herriot and Willa Cather. Students will use many rhetorical strategies to critically respond to the literature; they will also write history-based research paper about immigrant life. This course will also include some autobiographical writing. All course material is aligned with the Utah Core Curriculum.

12 1 Trimester .5 LA Credit

MATHEMATICS – 3.5 Credits Required for Graduation – Minimal Completion of Secondary Math I & Secondary Math II

*Teacher's signature is based on student receiving an A, B, or C grade in the prerequisite course. Anything lower and it will be recommended that the student repeat the course.

(8150) Accounting IA (8151) Accounting IB

Prerequisite – Students must have passed Secondary Math II to take this course for a Math Credit

Students will develop skills beginning with an understanding of the basic elements and concepts of double-entry accounting systems. Additional concepts to be mastered include uncorrectable accounts, depreciation on assets, and interpretation of financial information, notes and interest. Accounting I & Accounting II may be taken in the same year.

11, 12 2 Trimesters 1.0 MA Credit

(8155) Accounting II (8156) Accounting III

This course is designed to prepare the student for the rigor of college accounting. It will focus more on the big picture of the hows and whys of decision making within organizations—not just the bookkeeping—and will include both financial and managerial accounting concepts.

11, 12 2 Trimesters 1.0 MA Credit

(5035) AP Calculus A (5036) AP Calculus B (5037) AP Calculus C

Prerequisite – USU Math 1050/1060 or Secondary Math III with Accuplacer test required (score of 60 or ACT 25)

***Teacher's Signature**

This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry and analytic geometry. Calculus AB is a course in introductory calculus with elementary functions. The general topics covered are functions and graphs, limits and continuity, derivatives and their applications and integrals and their applications. The AP test is given at the end of the course.

12 3 Trimesters 1.5 MA Credit

(5032) AP Statistics A (5033) AP Statistics B (5040) AP Statistics C (USU Math 1050)

Prerequisite – Secondary Math III with Accuplacer Test required (score of 60 or ACT of 23)

***Teacher's Signature**

IF TAKING THIS COURSE, YOU MUST TAKE USU MATH 1050 1ST TRIMESTER, AND THEN AP STATS A & B

This course is designed to introduce students to the major tools and concepts for collecting, analyzing and drawing conclusions from data. It addresses exploring data, sampling and experimentation. Students must also pay admission and registration fees for USU credits

12 3 Trimesters 2.25 MA Credit

(5054) Mathematics of Personal Finance A (5055) Mathematics of Personal Finance B

Must take and pass both trimesters to receive 1.0 Math Credit. Must have previously taken Secondary Math II. This class will enable students to implement the mathematical and decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.

11, 12 2 Trimesters 1.0 MA Credit

(5030) Precalculus A (5031) Precalculus B

***Teachers Signature**

This course is designed for students who need a math credit senior year but need to review skill sets to solidify knowledge before Math 1050.

12 2 Trimesters 1.0 MA Credit

(5048) Secondary Math IIA (5049) Secondary Math IIB (5050) Secondary Math IIC

Prerequisite – Secondary Math I

***Teacher's Signature**

Utah Core Math for all 10th grade students. Students with a "C" or higher grade in Secondary Math I will have two trimesters. All others will be placed in three trimesters.

10 2 – 3 Trimesters 1.0 MA Credit

(5051) Secondary Math II Honors A (5052) Secondary Math II Honors B

Prerequisite – Secondary Math I Honors

***Teacher's Signature**

Utah Core Math for all 10th grade students. Honors is designed for students who intend to take AP Calculus or AP Statistics their senior year.

10 2 Trimesters 1.0 MA Credit

(5058) Secondary Math IIIA (5059) Secondary Math IIIB

Prerequisite – Secondary Math II

***Teachers Signature**

Utah Core Math for all 11th grade students

11, 12 2 Trimesters 1.0 MA Credit

(5061) Secondary Math III Honors A (5062) Secondary Math III Honors B

Prerequisite – Secondary Math II Honors and 2 "A's" or Accuplacer Score of 40 or higher.

***Teachers Signature**

Utah Core Math for all 11th grade students

11, 12 2 Trimesters 1.0 MA Credit

(5040) USU Math 1050 (College Algebra)**Prerequisite – Accuplacer Test required (score of 60 or ACT of 23)**

The 1050 course is a review of basic algebraic concepts, the study of functions and inverses, polynomial and rational functions, exponential and logarithmic functions, and systems of equations and inequalities. 1050 is required for most college majors. Grade is based primarily on tests, the same as a university course. If this course is taken for college credit, the credits will be part of permanent college records. To receive USU credit students will need an accuplacer score of 60 or ACT of 23. Students must also pay admission and registration fees for USU credits.

12 1 Trimester 1.25 MA Credit (.5 Credit if taking for high school credit only)

SCIENCE – 3.0 Credits Required for Graduation; 2.0 Credits from 2 of the 4 categories: Biology, Chemistry, Earth Systems or Physics; Plus 1.0 credit from any category including Optional Sciences

BIOLOGY**(3020) Biology A (3021) Biology B**

Students are introduced to the many facets of living organisms by studying development, structure, functions, and reproduction of selected examples. The class helps students understand and appreciate the natural environment we live in, instead of the unrealistic, unnatural world portrayed by television and other artificial media. This class is an excellent preparation for the ACT test.

10, 11, 12 2 Trimesters 1.0 SC Credit

(8401) Biology / Agriculture Science & Technology A (8402) Biology / Agriculture Science & Technology B**(This course is also listed in the Ag Science & Technology Section)**

This course meets the requirement for Biological Science credit. The standards and objectives for this course are the same as those for Biology with the only difference being the degree of emphasis on agriculture. Students completing this course will become cognizant of current technologies, methods and changes in agricultural science and are expected to know and apply the standards outlined in the core curriculum as they relate to this industry of agriculture.

10 2 Trimesters 1.0 SC Credit

CHEMISTRY**(3050) AP Chemistry A (3051) AP Chemistry B (3052) AP Chemistry C****Prerequisite – Intermediate Algebra & “B” average or higher in Chemistry*****Teacher’s Signature**

This course is an extension of Chemistry I which is equivalent to college level general chemistry. This course will consist of a review of inorganic chemistry, plus an introduction to organic chemistry. Laboratory work will be an integral part of this course. Students can receive college credit upon successfully completing all three trimesters and passing the AP test.

11, 12 3 Trimesters 1.5 SC Credit

(3010) Chemistry A (3011) Chemistry B**Prerequisite – Secondary Math II**

This science class studies elements, mixtures and compounds that differ and react with each other. Students will learn about the composition, structure and properties of different materials. This class will involve lab work as well as regular bookwork. Students will perform hands-on experiments. Universities require this class for those majoring in fields such as engineering, medicine (including nursing), agriculture, family life and business as well as others. This class is excellent for the preparation of the ACT test. If you do not pass the A section you cannot take the B section.

11, 12 2 Trimesters 1.0 SC Credit

EARTH SCIENCE**(3010) Earth Science A (3011) Earth Science B**

This science class will help students to understand the dynamic Earth and its place in the universe. Students will study how the Earth came to be; how it is changing and how this affects them. The course will help students to understand what they see in the colorful landscapes of Utah and the physical world around them. Topics of plate tectonics, earthquakes, geology, and meteorology are examples of topics that will be covered.

10, 11, 12 2 Trimesters 1.0 SC Credit

PHYSICS**(3000) Physics A (3001) Physics B****Prerequisite – Completion of Secondary Math III with B- or higher.****This class is designed for college bound students who plan to major in science or engineering.*****Teacher’s Signature**

Physics is the study of the way the universe works. In this course conceptual understanding of the subject will be emphasized. Although mathematical relationships will be used, they will not be the focus of the course. The topics covered will include motion, forces, gravity, energy, momentum, waves, sound, light, optics, electricity, and magnetism. The course uses extensive hands-on laboratory activities as well as classroom discussions and demonstrations. A project is required each trimester. The study of physics is a valuable part of the general education of any student. Successful completion of this course satisfies the physics requirement for the Utah Regents scholarship.

11, 12 2 Trimesters 1.0 SC Credit

(8480) Physics with Technology A (8481) Physics with Technology B**(This course is also listed in the Ag Science & Tech Section)**

This course is designed to prepare students for a career in a hands-on technical field such as HVAC technician or auto mechanic by giving them a solid grounding in technical theory and technique. Major areas of study include mechanical, fluid, thermal and electrical systems. These systems are explored from the standpoints of force, work, rate, resistance, energy and power. The course is heavily lab-based and focused on developing practical skills as required by industry. Students must be capable of using elementary algebra to solve equations and of being able to use a calculator to solve practical problems. A state-sanctioned skills certificate will be awarded to students who successfully complete skills testing at the end of the course as well as passing the state physics core test.

10, 11, 12 2 Trimesters 1.0 CTE Credit

OPTIONAL SCIENCE**(8425) Animal Science & Technology A (8426) Animal Science & Technology B****Prerequisite – Biology or Bio Ag****(This course is also listed in the Ag Science & Tech Section)**

This course exposes students to a wide range of scientific and management practices of livestock animals. Career opportunities and educational preparation are examined. Learning activities include study in the classroom and laboratory, with emphasis on field experiences.

11, 12 2 Trimesters 1.0 SC Credit

(8515) Computer Science & Software Engineering A (8516) Computer Science & Software Engineering B**(This class is also listed in the Business Section)**

Students create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. They collaborate to create and present solutions that can improve people's lives. Students will be prepared to take the AP Computer Science Principles exam, if they chose to do so.

10, 11, 12 2 Trimesters 1.0 Credit

(8075) Medical Anatomy & Physiology A (8076) Medical Anatomy & Physiology B**(This course is also listed in the Technology Section for 11, 12 grades)**

Medical Anatomy and Physiology is a course for future health care professionals. It provides students with study of Health Science Careers including actual clinical experience in a variety of area. Anatomy, Physiology, basic medical terminology and disease and disorders are covered during this course. Labs include: heart and eye dissection and chicken wing suturing. MAP is part of the Health Science Pathway. It is a great course to take with Medical Term.

11, 12 2 Trimesters 3rd Year Optional Science Credit or 1.0 EL Credit**(8445) Natural Resource & Wildlife Management A (8446) Natural Resource & Wildlife Management B****(This course is also listed in the Ag Science & Tech Section)**

This course helps students gain skills and technical knowledge pertaining to natural resources. Topics covered include wildlife management, soil conservation, water resources, forestry, rangeland, mining, alternative energy and ecosystems. Students will perform many hands-on management activities and will participate in projects dealing with natural resource conservation.

11, 12 2 Trimesters 1.0 SC Credit

(8423) Principles of Engineering A (8424) Principles of Engineering B**(This course is also listed in the Technology Section for 10, 11, 12 grades)**

Principles of Engineering (POE) gives students the opportunity to investigate engineering and high tech careers through activity-, project-, and problem-based (APPB) learning. To be successful in POE, students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. POE is one of the foundation courses in the Project Lead The Way high school engineering program. The course of study includes: mechanisms, energy sources, energy applications, machine control (robotics), fluid power, statics, material properties, material testing, statistics, and kinematics.

11, 12 2 Trimesters 1.0 SC Credit

(8472) USU Horticulture 1800 A (8473) USU Horticulture 1800 B**Prerequisite – 3.0 GPA****(This course is also listed in the Ag Science & Tech Section)**

This concurrent enrollment class counts as a breadth life science credit which is part of most general education requirements at college. Students are required to buy the required text. Course is an introduction to the production of nursery, greenhouse, fruit, and vegetable crops. It explores residential and commercial landscape construction and management. Students also learn about interior plants, aboriculture, turf science, landscape materials, and home gardening.

11, 12 1 Trimester 1.0 SC Credit (3 College Hours)

(3125) WSU HTHS 1110/1111 Human Anatomy A, (3126) WSU HTHS 1110/1111 Human Anatomy B, (3127) WSU HTHS 1110/1111 Human Anatomy C (This course is also listed in the Concurrent Enrollment Section)

Integrated Human Anatomy and Physiology I and II is a three trimester class that focuses on the structure and function of the human body. This class will be streamed to Bear River directly from Weber State University, proctored and assisted by Mrs. Cutler. Weekly integrated laboratory sessions serve to enhance the lectures through discussions, data analysis, hands-on activities, and activities utilizing cadaver specimens and interactive digital cadaver technology. This class is the pre-requisite class series for the RN and Dental Hygienist Programs at Weber and BATC. This class will only be taught 1st hour each trimester, as it will be streamed to Bear River High School.

11, 12 3 Trimesters 2.5 Optional Science Credit (WSU 8 HTHS Credits)

***SOCIAL SCIENCE - 2.5 SS Credit Required for Graduation (.5 Geography (9th grade)
.5 World Civ Credit, 1.0 US History Credit, .5 US Government Credit)
Beginning with Class of 2019, 3.0 Credits will be Required for Graduation.***

(6150) AP US History A (6151) AP US History B (6152) AP US History C
Prerequisite – 3.5 or better GPA. Can waive 3.5 if Social Science is over 3.5

***Teacher’s Signature**

This course will give students an opportunity to acquire a broad perspective and understanding of the various historical periods from the age of discovery and exploration to present. This will help students be aware of and maintain their cultural heritage, help students to assume their role as citizens by making mental connections to present from past. To go beyond the given will prepare students for the National AP Test where they have the opportunity to receive college credit.

11, 12 3 Trimesters 1.5 SS Credit

(6035) Current Issues

This course is designed to increase awareness of current events on a regional, national, and global scale. Our reference material for the class will consist of various forms of news media and quest speakers.

10, 11, 12 1 Trimester .5 EL Credit

(6025) Psychology

In this class, we will study how the human senses, perceives, feels, thinks and acts. Areas of focus will include sensation perception, learning, memory, personality and social interactions among groups. Students will learn what shapes their behavior, attitudes and personality.

11, 12 1 Trimester .5 EL Credit

(6030) Sociology

This course studies human society and social behavior. Sociologists are mainly interested in social interaction and how people relate to one another. In this course, the student will study cultures and social structures.

10, 11, 12 1 Trimester .5 EL Credit

(6070) US Government

Required for Graduation

This course studies the Constitution, the political and legal systems, and the responsibilities of citizenship.

12 (required) 1 Trimester .5 SS Credit

(6010) US History A (6011) US History B

Required for Graduation

American History covers from the age of exploration to present, with an emphasis on 20th Century America. It will discuss political, economic and social issues. The more we can learn from our past, the better we can prepare for the future. Knowing and practicing these experiences can make for better citizens in tomorrows society.

11 (required) 2 Trimesters 1.0 SS Credit

(6005) World Civilization I (Ancient)

Must take World Civ I or World Civ II for graduation

This course covers a broad spectrum of events from the beginning of time up to and including the Age of Discovery. Special emphasis is given to Greece and Roman history and their contributions to our societies of today. In addition, students will develop a knowledge and appreciation of the collective achievements of the human race.

10 1 Trimester .5 SS Credit

(6006) World Civilization II (Modern)

Must take World Civ I or World Civ II for graduation

This course traces the entire world’s development from the Age of Discovery to the present time. Special emphasis will be placed on the Industrial Revolution and Age of Science and how it transformed us into the Modern Age. Modern wars, including the Cold War, are intensely studied for the causes and results.

10 1 Trimester .5 SS Credit