

# Star Valley High School 2024-2025 Course Catalog

Courses are listed alphabetically by Course Number. Subject overviews are listed below with their accompanying Course Number Prefix and link for quick access:

- ACT Prep ([ACTP](#))
- Agriculture ([AGRI](#))
- Arts ([ARTS](#))
- Automotive ([AUTO](#))
- Biology ([SBIO](#))
- Business ([BUSI](#))
- Chemistry ([CHEM](#))
- Computer Science ([CSIT](#))
- Culinary Arts ([CULA](#))
- Engineering ([ENGR](#))
- English ([ENGL](#))
- Finance ([FINC](#))
- Foreign Language ([FLAN](#))
- Government/Economics/Sociology ([SOCL](#))
- Graphics and Media ([GMED](#))
- Health Education and Physical Education ([HEPE](#))
- History ([HIST](#))
- Home Economics ([HMEC](#))
- Math ([MATH](#))
- Medicine Science ([PMED](#))
- Music ([MUSI](#))
- Physical Science ([PSCI](#))
- Psychology ([PSY](#))
- Welding ([WELD](#))
- Wood Working ([WOOD](#))
- Work Experience ([WEXP](#))

## **ACTP0900 ACT Prep**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Guided ACT preparation through our On To College program.

## **AGRI0900 Agriculture I**

Prerequisite: None *(Enrollment preference will be given to students who haven't taken this previously.)*

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This class will introduce students into agricultural studies, from livestock to poultry, mechanics to welding. They will also learn about FFA, and leadership and career competitions within the FFA.

## **AGRI0910 Agriculture Mechanics**

Prerequisite: Agriculture I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is focused on general mechanics, from small engine repair to hydraulics, diesel engines to fabrication and repair of farm/agriculture equipment. Troubleshooting problems with equipment, and the proper course of correction with repairs of machinery.

## **ARI0920 Agriculture Welding**

Prerequisite: Agriculture I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this course, students will learn about the basics of welding and repair and learn different types of welding. They will have the opportunity to braze, stick, mig, and tig weld, and also be able to repair or design and build projects.

## **AGRI0930 Agriculture Construction**

Prerequisite: Agriculture I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Construction and design of useful tools/buildings for a small operation or individual. Learn how to build the tools needed for certain operations in a small business, i.e. chicken coop, greenhouse, etc.

## **AGRI1000 Agriculture II**

Prerequisite: Agriculture I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This class may include: plant production, livestock production, poultry production, meat production/processing and handling, and more.

## **ARTS0900 Art I**

Course Prerequisite: None

Course Sequence/Credit: This course is the first of the foundational art courses (Art I, Art II, Art Exploration). Courses must be completed in that order. This is a 1 Trimester course for .5 credits.

Course Description: A foundation level art class that introduces the elements of art and principles of design and composition. An introduction to and skill building of a variety of art medias, and techniques. Artists, styles, and techniques from art history will be used in correlation to some of the assignments.

## **ARTS1000 Art II**

Course Prerequisite: Art I

Course Sequence/Credit: This course is the second of the foundational art courses (Art I, Art II, Art Exploration). Courses must be completed in that order. This is a 1 Trimester course for .5 credits.

Course Description: An intermediate level art class focusing on problem solving, creative thinking and an exploration and choice of different art mediums, and styles. Artists, styles, and techniques from art history will be used in correlation to some of the assignments.

## **ARTS1001 Ceramics**

Prerequisite: None (*Enrollment is limited based on equipment. Preference given to 11th/12th grade students.*)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Basic hand building and wheel thrown pottery techniques as well as basic firing and glazing techniques will be introduced. Students will leave class with a minimum of 7 finished projects. Artists, styles, and techniques from art history will be used in correlation to some of the assignments.

## **ARTS1010 Art Exploration**

Course Prerequisite: Art I & Art II

Course Sequence/Credit: This course is the third of the foundational art courses (Art I, Art II, Art Exploration).

Courses must be completed in that order. This is a 1 Trimester course for .5 credits.

Course Description: An exploratory class geared toward experimentation of different medias, art techniques, different artist styles and independent material and project selection.

## **ARTS1100 Advanced Art**

Prerequisite: Art I, Art II, Art Exploration

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (*Can be taken multiple semesters and/or all year long*)

Course Description: An advanced art course, intended for art careers and/or special interest in art. This is the perfect class for those wanting to create original artwork. All of the major projects are students' choices.

Students choose the medium or mediums desired and work under the direct supervision of the teacher to work on advanced pieces. This is a class where a student can build an advanced level portfolio.

## **ARTS1212-OL Graphic Design (Online)**

Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This class is a graphic design class that will focus on the Adobe Suite. There is a vast array of employment opportunities if one is versed in this program. This class will help students problem solve, create, and gain a basic understanding of digital citizenship, the design process, elements and process of design, color theory and typography.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ARTS1220 Photography**

Prerequisite: None (*Enrollment is limited based on equipment and preference given to 11th/12th grade students.*)

Course Sequence/Credit: This is a 1 Trimester class for .5 credits.

Course Description: An introduction to digital photography with an emphasis on composition, quality, and themes. The class will also work with computer programs such as Photoshop, iPhoto, iTunes.

## **ARTS1300-A AP Art A**

Prerequisite: Advanced Art

Course Sequence/Credit: This is the 1st Trimester of the year-long AP Art course. Must take Part A, B & C.

AP Art can be taken a second year by completing a different portfolio category. This is a 1 Trimester course for .5 credits.

Course Description: AP Studio Art is a very rigorous class that gives students the opportunity to earn college credit based on AP exam scores. Students must be willing to put in the time and effort on a college level. The AP Studio portfolio is designed for students who are seriously interested in the practical experience of art. AP Studio is based on a portfolio submitted at the end of the school year. Students can choose either the Design and or Drawing portfolios. Students will explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark making through a variety of means, such as drawing, painting or mixed media.

The cost to submit the AP portfolio is approximately \$100.

*\* AP portfolio/submissions must be completed for student transcript to indicate "AP Art".*

## **ARTS1300-B AP Art B**

Prerequisite: Advanced Art, AP Art A

Course Sequence/Credit: This is the 2nd Trimester of the year-long AP Art course. Must take Part A, B & C.

AP Art can be taken a second year by completing a different portfolio category. This is a 1 Trimester course for .5 credits.

Course Description: AP Studio Art is a very rigorous class that gives students the opportunity to earn college credit based on AP exam scores. Students must be willing to put in the time and effort on a college level. The AP Studio portfolio is designed for students who are seriously interested in the practical experience of art. AP Studio is based on a portfolio submitted at the end of the school year. Students can choose either the Design and or Drawing portfolios. Students will explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark making through a variety of means, such as drawing, painting or mixed media.

The cost to submit the AP portfolio is approximately \$100.

*\* AP portfolio/submissions must be completed for student transcript to indicate "AP Art"*

## **ARTS1300-C AP Art C**

Prerequisite: Advanced Art, AP Art A, AP Art B

Course Sequence/Credit: This is the 3rd Trimester of the year-long AP Art course. Must take Part A, B & C.

AP Art can be taken a second year by completing a different portfolio category. This is a 1 Trimester course for .5 credits.

Course Description: AP Studio Art is a very rigorous class that gives students the opportunity to earn college credit based on AP exam scores. Students must be willing to put in the time and effort on a college level. The AP Studio portfolio is designed for students who are seriously interested in the practical experience of art. AP Studio is based on a portfolio submitted at the end of the school year. Students can choose either the Design and or Drawing portfolios. Students will explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark making through a variety of means, such as drawing, painting or mixed media.

The cost to submit the AP portfolio is approximately \$100.

*\* AP portfolio/submissions must be completed for student transcript to indicate "AP Art"*

## **AUTO0901 Basic Auto Maintenance**

Course Prerequisites: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This class is for students who do not intend to take the automotive pathway but want a basic understanding of a vehicle, tools and basic maintenance. Students will learn theory and operation of the modern automobile, costs involved with purchasing and maintaining a car and some basic hands-on experience that every car owner should know.

## **AUTO0910 Automotive Service I**

Course Prerequisites: none

Course Sequence/Credit: This is a 1 Trimester course for 1.0 credits. Auto Service I is taught in a **2 period block**. Must be enrolled in both periods. Course cannot be repeated for credit.

Course Description: This course is an overview of automobile equipment and its operating systems. Emphasis will be placed on safety in the auto shop, common hand tools and equipment, lubrication and cooling systems, tire and wheel services, and basic brake repair. Students have the opportunity to complete minor repairs and preventative maintenance procedures on their personal vehicles and donated vehicles. This course is individualized and includes extensive hands-on experiences.

## **AUTO1000 Automotive Service II**

Course Prerequisites: Automotive Service I

Course Sequence/Credit: This is a 1 Trimester course for 1.0 credits. Auto Service II is taught in a **2 period block**. Must be enrolled in both periods. Course cannot be repeated for credit.

Course Description: This course provides an overview of automobile equipment and its operating systems. Emphasis will be placed on safety, precision tools in the auto shop, basic external engine repair, tire pressure

monitoring systems (TPMS), brake refinishing, an introduction to electrical diagnostic equipment, basic engine performance, heating ventilation and air conditioning (HVAC), and electrical systems. Students have the opportunity to complete minor repairs and preventative maintenance procedures on their personal vehicles and donated vehicles. This course is individualized and includes extensive hands-on experiences.

### **AUTO1020 Automotive Electrical I**

Course Prerequisites: Automotive Service I & II

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course covers the electrical system used in the modern automobile. The training covers electrical theory including ohm's law and hands-on application of that theory. Students will receive training on types of electrical circuits, wiring diagrams, circuit construction, and electrical diagnostic procedures. Students will learn the use of specialized test equipment such as a multimeter and ammeter.

### **AUTO1030 Automotive Electrical II**

Course Prerequisites: Automotive Service I & II, Automotive Electrical I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course covers the electrical system used in the modern automobile. Students will receive training on starting, charging systems, lighting, general electrical systems and accessories. Students will learn the use of additional specialized test equipment.

### **AUTO1100 Auto Steering & Suspension**

Course Prerequisites: Automotive Service I & II

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course covers the suspension and steering systems of a modern automobile. Students will receive training on the diagnosis and maintenance of shock absorbers, tie rods, ball joints, tires, McPherson struts, along with conventional steering boxes and rack and pinion steering systems. Practices and principles of basic wheel alignment will be taught.



## **AUTO1200 Auto Brake Systems**

Course Prerequisites: Automotive Service I and II

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course covers the operation, maintenance, and some repair of the brake system in a modern automobile. Students will receive training on brake operation and repair of mechanical and hydraulic portions of the brake system. Students will also be introduced to the topics of electronic controls used in anti-lock brake and traction control systems.

## **BUSI0922 Microsoft Office**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this introductory computer course, students will learn the functions of the computer and Microsoft Office, the most common software package widely used in today's world. Students will participate in discussions and will complete activities using word processing, spreadsheet, database, and presentation software.

*\*This course can be taken as a Concurrent course for 3 College credits through Western Wyoming CC.*

*Students must be 16+ years of age to take for college credit.*

## **BUSI1000 Microsoft Certifications**

Course Prerequisite: Microsoft Office

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Stand out and be seen. Microsoft Office Specialist (MOS) certifications give students an in-demand skill and credential that helps them get ahead. Students work in a computer lab through a self-paced program that leads to multiple certifications and digital badges in Microsoft applications including Word, Excel and PowerPoint. Students that earn a certification in each application become a Microsoft Office Specialist - Associate and earn an additional certification for their accomplishments. If students would like to advance even

further, they can earn their Expert Certification and achieve the highest certification within the Microsoft Specialist Program. Possible Certifications: Word Associate, Excel Associate, PowerPoint Associate, Microsoft Office Specialist (MOS) Associate, Word Expert, Excel Expert, Microsoft Office Specialist (MOS) Expert.

*\*This course can be taken as a Concurrent course for up to 2 College credits through Western Wyoming CC.*

*Students must be 16+ years of age to earn college credit in the class.*

## **BUSI1001 Starting your own Business**

Course Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this class students will learn what is needed to be a successful entrepreneur including foundational values that promote success. Students enrolled in this course will participate in a program sponsored by area businesses and Youth Entrepreneurs, a non-profit organization. Whether interested in creating a money-making business or a nonprofit to help others, this course provides the core skills needed to succeed. They will develop an idea for a one-day business, apply for micro funding and run the business for one day. They use the business model canvas model to write a business plan as they develop an entrepreneurial mindset. They will study the concepts of capital requirements, return on investment, and profit potential. A variety of teaching modalities will be used in this class, including small group work, student presentations, guest speakers, business videos, individual assignments, role-playing, and others. Classroom activities will vary to challenge and interest students on various business topics.

## **CHEM1100-A Chemistry A**

Prerequisite: Physical Science A & B, Biology A & B (Alg II math skills are recommended)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a college preparatory science course. Chemistry A approaches the science of Chemistry as a math-based (quantitative) science, learning how to measure, and correctly show calculations. We study the basic forms of matter and the changes matter undergoes. We study basic atomic theory and electron configuration.

*\*Students may take this course concurrently with Biology (with instructor approval).*

## **CHEM1100-B Chemistry B**

Prerequisite: Chemistry A (Alg II math skills are recommended)

Course Sequence/Credit: This is a 1 Trimester course (to follow Chemistry A) for .5 credits.

Course Description: This is the second half of a college preparatory level science course. In Chemistry B, we study trends and patterns of the periodic table, ionic bonding, and covalent bonding. We also learn to write chemical formulas, name chemical compounds, and describe chemical reactions using balanced chemical equations.

## **COMM0910 Freshman Leadership**

Prerequisite: none

Course Sequence/Credit: This is a 1 trimester course for .5 credits. (required for all 9th grade students)

Course Description: The focus of this course is to help students learn "The Brave Way". This course is designed to help you navigate the complexities of High School life. Our goals are to equip you with essential skills to stay safe at school and to thrive in our online world. As Braves, we will learn emotion management techniques and how to be resilient. We will delve into the unique culture of Star Valley High School, and explore what it truly means to be a Brave. And finally we will build communication skills that will empower you to face any challenge with confidence!

## **CSIT0910 Intro to Programming**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed for students with little or no experience with programming and/or the Python language. It introduces core programming concepts and techniques used in the vast majority of programming languages. Students will design and build software to solve problems from various disciplines each week using Python.

## **CSIT0920 Computer Science Principles I**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: An introductory course where students gain a foundation in skills allowing them to use computers to create and not just consume. Students will explore the discipline of computer science that emphasizes persistence in problem solving. "Boot Up Wyoming" Standards will be used to study the impact of computing and technology on society. Basic programming theories and skills will be acquired in multiple programming languages. Other concepts to be explored are virtual reality, gaming, app building, web design and drones.

## **CSIT1020 Computer Science Principles II**

Prerequisite: Computer Science Principles I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is for students who have completed year 1 of computer science. After taking interest inventories and having a solid foundation in computer science, students will work with the teacher to receive a custom-made course plan that will guide them to their own path within computer science with the goal of earning certifications that buoy up their resume and/or prepare them for a career in Computer Science. Some options may include: Web Design, JavaScript, Python, Java, Cyber Security, IT Specialty and more

## **CSIT1110 Web Development**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course provides a comprehensive introduction to web development, designed for beginners with little to no prior coding experience. Students will learn the fundamental concepts, tools, and technologies used to create dynamic and interactive websites. The course covers the basics of HTML for structuring content, CSS for styling, and JavaScript for adding interactivity. Additionally, students will explore modern web development practices, including responsive design, version control with Git, and the deployment

of websites. By the end of the course, participants will have the skills to build and publish a fully functional, responsive website.

## **CSIT1210 Adv. Programming**

Prerequisite: Intro to Programming

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed to build on the ideas learned in the "Intro to Programming" course and prepare the students with coding skills needed for Industry programming jobs. Of course, the more students practice and are able to combine and modify their coding skills to solve more complex problems, the better they will do. Topics covered include: Strings - string functions and manipulation, Numbers - data types random numbers, modulo, Selection - multiple conditions using AND, OR, nesting selection, Iteration - multiple boolean conditions, validation, combining selection and iteration, Lists - output a range of items from a list, search a list, Files - read from a file, write to a file, Error Handling - Using try/catch.

## **CSIT1300-OL Computer Science Principles Cert (Online)**

Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: The course curriculum includes digital information, the internet, programming, algorithms, data analysis, simulations, online data security, computing innovations, exam preparation. This course could prepare you for taking the AP Computer Science Exam.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **CULA0900 Foods**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This class is an introductory comprehensive food class in food preparation and management that promotes nutrition, wellness, and good health for life through class activities, assignments, and labs.

## **CULA1000 Culinary Arts I**

Prerequisite: Foods

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed to introduce students to the food service/culinary arts industry and prepare them to enter jobs in food service. Students will prepare for/receive the "Servsafe Food Handlers Certification". Course will involve many opportunities to host/cater community events. **Attendance at these events is mandatory.**

*\* Students must be in 10th grade or higher to enroll in this course.*

## **CULA1100 Culinary Arts II**

Prerequisite: Culinary Arts I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Students will continue to develop skills for the restaurant/hospitality/lodging industries.

Learning outcomes may include:

1. Students will refine their culinary skills in the areas of commercial baking including but not limited to yeast breads, cakes, pastries, and pies.
2. Students will develop menus and marketing and sales procedures for running their own restaurant.
3. Perform quantity food preparation as it relates to catering, bakery, restaurant, and hospitality.
4. We will have the opportunity to present hospitality rooms during athletics/activities throughout the year.

**Attendance at these events is mandatory.**

## **ENGL0900-A English I A**

Course Prerequisites: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this course, students will build their language arts skills in these areas: reading literature, informational reading, writing, language usage, and speaking/listening skills.

## **ENGL0900-AOL English I A (Online)**

Course Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ENGL0900-B English I B**

Course Prerequisites: English IA

Course Sequence/Credit: This is a 1 Trimester course (to follow English IA) for .5 credits.

Course Description: In this course, students will continue to build their language arts skills in these areas: reading literature, informational reading, writing, language usage, and speaking/listening skills.

## **ENGL0900-BOL English I B (Online)**

Prerequisite: English I A, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **ENGL0921 English Skills I A, B, C**

Course Prerequisites: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: In this course, students will build their language arts skills in these areas: reading literature, informational reading, writing, language usage, and speaking and listening skills.

**\*ENROLLMENT IN THIS COURSE IS BY COUNSELOR PLACEMENT ONLY\***

### **ENGL0922 English Skills II A, B, C**

Course Prerequisites: English IA/IB OR English Skills IA/IB/IC

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this course, students will continue to build their language arts skills in these areas: reading literature, informational reading, writing, language usage, and speaking/listening skills.

**\*ENROLLMENT IN THIS COURSE IS BY COUNSELOR PLACEMENT ONLY\***

### **ENGL0923 English Skills III A, B, C**

Course Prerequisites: English IIA/IIB OR English Skills IIA/IIB/IIC

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this course, students will continue to build their language arts skills in these areas: reading literature, informational reading, writing, language usage, and speaking/listening skills.

**\*ENROLLMENT IN THIS COURSE IS BY COUNSELOR PLACEMENT ONLY\***



## **ENGL0950 Creative Writing**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this course students will read, critique, and compose original poetry, speeches, screenplays, essays, short fiction, creative nonfiction, etc. Students will examine the works of published writers as well as peers to discover, expand, and refine their own skills, voice, and repertoire.

## **ENGL1000-A English II A**

Course Prerequisites: English IA/IB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

## **ENGL1000-AOL English II A (Online)**

Course Prerequisites: English IA/IB, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

*\* Students may not take English courses out of sequence (i.e. cannot take English IVA without first completing English IIIB)*

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ENGL1000-B English II B**

Course Prerequisites: English IIA

Course Sequence/Credit: This is a 1 Trimester course (to follow English IIB) for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

## **ENGL1000-BOL English II B (Online)**

Course Prerequisites: English IIA, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

*\* Students may not take English courses out of sequence (i.e. cannot take English IVA without first completing English IIIB)*

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ENGL1010-A Acc English II A**

Prerequisite: Cumulative GPA of 3.25 or A average in English IA & IB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

## **ENGL1010-B Acc English II B**

Prerequisite: Acc English IIA

Course Sequence/Credit: This is a 1 Trimester course (following English IIA) for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

## **ENGL1100-A English III A**

Prerequisite: English II A & B or Accelerated English IIA/IIB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and argumentative writing, and standard English language usage.

## **ENGL1100-AOL English III A (Online)**

Course Prerequisites: English IIA/IIB, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

*\* Students may not take English courses out of sequence (i.e. cannot take English IVA without first completing English IIIB)*

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ENGL1100-B English III B**

Prerequisite: English IIIA or Accelerated English IIIA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and argumentative writing, and standard English language usage.

## **ENGL1100-BOL English III B (Online)**

Course Prerequisites: English IIIA, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

*\* Students may not take English courses out of sequence (i.e. cannot take English IVA without first completing English IIIB)*

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ENGL1110-A Honors English III A**

Prerequisite: Cumulative GPA 3.25 or A average in English IA/IB & IIA/IIB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and argumentative writing, and standard English language usage.

## **ENGL1110-B Honors English III B**

Prerequisite: Accelerated English IIIA

Course Sequence/Credit: This is a 1 Trimester course (to follow Accelerated English IIIA) for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and argumentative writing, and standard English language usage.

## **ENGL1200-A English IV A**

Prerequisite: English IIIA/III B or Accelerated English IIIA/IIIB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

## **ENGL1200-AOL English IV A (Online)**

Course Prerequisites: English IIIA/IIIB, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

*\* Students may not take English courses out of sequence (i.e. cannot take English IVA without first completing English IIIB)*

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ENGL1200-B English IV B**

Prerequisite: English IVA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

## **ENGL1200-BOL English IV B (Online)**

Course Prerequisites: English IVA, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

*\* 12th grade students may take this course concurrently with English IVA during their senior year with Administrator approval.*

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **ENGL1300-A English IV - HONORS A**

Prerequisite: Any of the following measures: McCann score 70 or better, ACT score 18 or better, SAT Reading/Writing 490 or better, Accuplacer Next Generation 268 or better, ENGL 1008 or ENGL 1011 grade C or better, high school grade point average 3.0 or 80% or better.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\*This course can be taken as a Concurrent course for 3 College credits through Western Wyoming CC.*

*Students must be 16+ years of age to take for college credit.*

### **ENGL1300-B English IV - HONORS B**

Prerequisite: Honors English IVA (with a "C" grade or higher) OR any of the following measures: McCann score 70 or better, ACT score 18 or better, SAT Reading/Writing 490 or better, Accuplacer Next Generation 268 or better, ENGL 1008 or ENGL 1011 grade C or better, high school grade point average 3.0 or 80% or better.

Course Sequence/Credit: This is a 1 Trimester course (to follow Honors English IVA) for .5 credits

Course Description: This is a standards-based course aligned with the Common Core State Standards for English Language Arts. This course will focus on literature, informational texts, narrative and literary analysis writing, and standard English language usage.

*\*This course can be taken as a Concurrent course for 3 College credits through Western Wyoming CC.*

*Students must be 16+ years of age to take for college credit.*

### **ENGR0910 Architectural Design**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: An introduction to the world of architecture. Students will learn the basics of architectural design components, how to read blueprints and how to use the Revit software program to create house plans. Students will create their own house plans as well as work on actual house plans that will be built by future Residential Construction students. Major concepts covered may include: History of Architecture, Architectural Styles, Residential Architecture, Reading Blueprints, etc.

### **ENGR0920 Intro to Robotics & Drones**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Learn how to program, build and drive robots and drones. Students will learn how to use different types of programming languages to control robots and drones to perform specific tasks by themselves. Students will also learn how to control/improve driving of robots and drones using a remote control.

## **ENGR1010 Intro to CAD**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: An introduction to Computer Aided Design and how it is used around us. During this class students will learn to read blueprints and working drawings. Students will learn to create 2D drawings and documents using AutoCAD. Students will also be introduced to 3D design by using programs such as Inventor, Fusion and Onshape.

## **ENGR1300 Competition Robotics**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Students start with the basics of the purpose of robots and gradually advance until they make their own robot to compete in specific challenges. Students will learn how to build quality robots and code them to function with a remote or to follow specific instructions.

## **ENGR1310 Product Design**

Prerequisite: Intro to CAD

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: Come learn to create. During this class learn how to use 3D printers and laser cutters. Students will learn about simple machines and how to use mechanical advantage to accomplish tasks. Using these skills and others learned in previous classes, students will work on projects to accomplish specific tasks and be capped off with a final personal project.



## **EXTN0920 Academic Extension**

Prerequisite: Teacher/Counselor Approval

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed for qualifying students who need more intensive instruction, guided practice, and additional time to complete coursework. Academic Extension classes are usually content-specific, meaning one class may focus on English, another on Science, and another on Math.

*\*Students will be invited to take Extension courses. They are not available for pre-registration.*

## **FINC0900 Certified Bookkeeping I**

Course Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Accounting is the language of business. In this course, students will be exposed to the fundamental aspects of bookkeeping, Quickbooks (the #1 rated small business accounting software), and real world accounting scenarios.

## **FINC0910 Personal Finance**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course will cover the basics of managing money for a teenager and is geared toward freshmen and sophomores. Students will do real world financial math every day in class along with units on saving, budgeting, checking, including on-line banking and debit cards, credit and credit cards and much more. As students begin to make their own money, this class will give them the knowledge of how to manage it in order to prepare for the financial future.

## **FINC1000 Certified Bookkeeping II**

Prerequisite: Certified Bookkeeping I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Accounting is the language of business. After completing this course, students will have a major advantage when taking college accounting. They will also possess the skills necessary for entry-level accounting and bookkeeping careers. During this course, we will review the accounting cycle for a service business organized as a sole-proprietorship. After completing this course, students will also have the opportunity to earn a certification in Quickbooks Online.

### **FINC1120 Millionaire Club**

Prerequisite: None (course is geared toward 11th/12th grade students)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is geared toward juniors and seniors preparing to graduate, enter the real world and manage their own money. Units covered consist of paychecks and taxes, a college and family budget, saving and investing including a simulated stock market game, purchasing a car, renting and the credit industry and even an introduction to cryptocurrency. Guest speakers on car insurance, renting contracts, banking smart and safe, and investing. This course can help prepare students better for the financial journey that awaits them in adulthood.

*\*If students complete this course and "Personal Finance", they have the opportunity to earn 3 college credits from Utah State University at a cost of \$75/credit.*

### **FLAN0900-A Spanish I A**

Prerequisites: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Introduction to the Spanish Language and culture with a focus on developing communication skills about high-interest, high-utility situations.

## **FLAN0900-AOL Spanish I A (Online)**

Prerequisites: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Introduction to the Spanish Language and culture with a focus on developing communication skills about high-interest, high-utility situations.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **FLAN0900-B Spanish I B**

Prerequisites: Spanish IA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Introduction to the Spanish Language and culture with a focus on developing communication skills about high-interest, high-utility situations.

## **FLAN0900-BOL Spanish I B (Online)**

Prerequisites: Spanish IA, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Introduction to the Spanish Language and culture with a focus on developing communication skills about high-interest, high-utility situations.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **FLAN0920 English Second Language**

Prerequisite: Teacher or ESL Coordinator or Counselor Recommendation

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Students will learn the principles of speaking English. Designed for students whose primary language is not English.

*\*Students will be invited to take this course. It is not available for pre-registration.*

### **FLAN0930-AOL ASL I A (Online)**

Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: American Sign Language (ASL) is used within the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL).

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **FLAN0930-BOL ASL I B (Online)**

Prerequisite: ASL IA, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: American Sign Language (ASL) is used within the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL).

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **FLAN1000-AOL ASL II A (Online)**

Prerequisite: ASL IA/IB, AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: American Sign Language (ASL) is used within the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL).

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **FLAN1000-BOL ASL II B (Online)**

Prerequisite: ASL IIA, AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: American Sign Language (ASL) is used within the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL).

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **FLAN1030-A Spanish II A**

Prerequisites: Spanish IA/IB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

### **FLAN1030-AOL Spanish II A (Online)**

Prerequisites: Spanish IA/IB, AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **FLAN1030-B Spanish II B**

Prerequisites: Spanish IIA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

## **FLAN1030-BOL Spanish II B (Online)**

Prerequisites: Spanish IIA, AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **FLAN1100-A Spanish III A**

Prerequisites: Spanish IIA/IIB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

## **FLAN1100-B Spanish III B**

Prerequisites: Spanish IIIA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

## **FLAN1200-A Spanish IV A**

Prerequisites: Spanish IIIA/IIIB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

## **FLAN1200-B Spanish IV B**

Prerequisites: Spanish IVA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A continuation of learning Spanish vocabulary, expanding ability to communicate, and further exposure to Spanish language and communication strategies.

## **GMED0910 Film Appreciation**

Prerequisites: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Film appreciation is intended as a journey through the world of film, for a sampling of the thought and accumulated critical opinion that forms the basis of what makes films great, as art or culturally important dramatic works. If you love film, here you can learn more about film-analysis, discussion of film, and the basic language and elements of filmmaking. This course will help you learn to form educated opinions that will hopefully make your enjoyment of the film medium deeper.

## **GMED0930 Media Productions**

Prerequisite: Teacher recommendation

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this class, students will participate in the creation of digital content for the SVHS webpage ([mountainstar.lcsd2.org](http://mountainstar.lcsd2.org)) and Social Media pages. Students will learn to utilize writing skills, word processing, desktop/website publishing software, design elements, and digital photography.

## **GMED1021 Broadcast Journalism (Online)**

Prerequisite: Teacher recommendation, AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. Students are encouraged to commit this course for at least 2 Trimesters per school year.

Course Description: Welcome to Broadcast Journalism! We are excited to welcome you to the staff as a student journalist. In Broadcast Journalism you will produce and publish as a student reporter for the student-run media network, RJ Media, which consists of rjmedianow.com and Elevate Magazine, RJTV, Raider Sports Network, Yearbook, and RJ Filmmakers. In this class you will learn about (and publish to the world) video stories, studio shows, and live event coverage for RJTV and Raider Sports Network.

*\*Students will be invited to take this course. It is not available for pre-registration.*

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **GMED1131 Yearbook**

Prerequisite: Teacher recommendation (limited number of spots in this course)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. Students are expected to take this course for all 3 Trimesters.

Course Description: In this class, students will participate in the creation of a school yearbook utilizing writing skill, word processing, desktop publishing software, design elements, and digital photography.

## **HEPE0900-OL Physical Education (Online)**

Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Create a life-long wellness program through the study of cardiovascular fitness, nutrition, stress and current health trends. You'll be assessed through online discussions, lab activities, computer assignments and workout logs. Physical Fitness course covers information regarding behavioral changes and exercise planning to improve personal fitness and overall wellness.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

*\* Students can only take this course once in their high school career.*



## **HEPE0910 Health**

Prerequisite: none (Required for 9th grade students)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This class will focus on decision making as we explore many health related areas of study. Students will learn responsibility and communication skills. Students will demonstrate skills for problem solving and being assertive. Students will learn basic skills for emotional, mental, and physical health. This class will focus on decision making as we explore many health related areas of study. Students will learn responsibility and communication skills. Students will demonstrate skills for problem solving and being assertive. Students will learn basic skills for emotional, mental, and physical health.

## **HEPE0910-OL Health (Online)**

Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This class will focus on decision making as we explore many health related areas of study. Students will learn responsibility and communication skills. Students will demonstrate skills for problem solving and being assertive. Students will learn basic skills for emotional, mental, and physical health. This class will focus on decision making as we explore many health related areas of study. Students will learn responsibility and communication skills. Students will demonstrate skills for problem solving and being assertive. Students will learn basic skills for emotional, mental, and physical health.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

*\* This course is usually only offered to students who transfer to SVHS after their 9th grade year who didn't complete a Health course at their previous school.*

## **HEPE0923 Womens Fitness**

Prerequisites: none (class is for female students only)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed for young women grades 9 - 12 who enjoy exercise through aerobic activities. Students will develop a higher level of fitness using programs such as yoga, pilates, barre, zumba, high fitness, AMRAP, Tabata, circuit training, band training, dance, kickboxing, self-defense.

### **HEPE0940 Cheer/Dance**

Prerequisites: Teacher/Advisor invite to class

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is for those students who have been selected to participate on the SVHS Brave Cadette team or the SVHS Cheer Squad. Students will learn dance and cheer routines. They will also focus on strength, balance, rhythm, coordination, teamwork, and building school culture.

*\*Students may not "pre-register" for this course.*

### **HEPE0941 Social Dance**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Social Dance is a PE elective class that will teach students the fundamental techniques and vocabulary in many styles of ballroom. This course introduces social, ballroom and partner dancing. It includes but is not limited to basic steps of Merengue, Waltz, Rumba, Foxtrot, Triple Swing, Cha-cha and Tango. This course is designed for fun and encourages lifelong participation. The dance class strives to promote a lifelong interest in both dance and physical fitness.

### **HEPE1010 Advanced Health Topics**

Prerequisite: none (age/GPA requirement if taken for college credit - see below)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course introduces students to a variety of concepts of personal health to include physical activity and diet, stress and social pressures, health education in public health, health issues and human behavior, disease and prevention, and health care access and the citizenry. Students learn about healthy

behaviors and how to modify detrimental health behaviors using different health behavior change models.

Students will understand the implications of health and lifestyle choices for themselves and society.

*\*This course can be taken as a Concurrent course for 3 college credits through Utah State University. Students must be 16+ years of age AND have a 3.0 cumulative GPA to take for college credit.*

## **HEPE1100 Team Sports**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Class emphasis of this course is to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. Sports and activities include, but are not limited to, basketball, volleyball, soccer, lacrosse, flag football, softball, rugby, team handball. The integration of fitness concepts throughout the content is critical to the success of this course. Students will progressively learn the skills and game strategies for each sport as well as the historical background and terminology. These sports/activities have been chosen to encourage students to participate in physical activity for life and to promote good health and wellness. This course is designed for students who enjoy physical activity, but who are not comfortable with high intensity games/competition.

*\* This course is designed for younger students, or students who aren't involved in high school sports/activities.*

*This is a BEGINNING level course.*

## **HEPE1105 Advanced Team Sports**

Prerequisite: none (Teacher approval may be required)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Advanced Team Sports is a course that expects students to participate at a higher intensity/competitive level. Students in this class should already know the rules of the games/activities and be willing to participate with full effort. This course will include games such as lacrosse, rugby, football, basketball, volleyball, floor hockey, softball, badminton, pickleball, and various other games that are

non-traditional but still very competitive. Teacher recommendation and approval may be required for students to take this course to ensure required skill level is met for safe participation.

*\* Preference for this course is given to 10th - 12th grade students.*

*\* 9th grade students should not "pre-register" for this class.*

## **HEPE1110 Walking for Fitness**

Prerequisite: none (limited space in this class)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Walking for Fitness is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle. The course will help students acquire the knowledge, skills, and attitudes necessary for physical fitness through participation in a carefully monitored walking program. This course is designed to provide an opportunity for students to develop a fitness workout plan through the activities of walking and aerobic exercise. Students will participate in a low impact form of exercise that is life-long. The walking routes are off campus and therefore students not dressing down will be expected to walk with the class in street clothes. The routes vary in distance and usually range from 1 to 3 miles. The instructor will be walking with the class at all times.

*\*Teacher approval may be required to participate in this course. It is not designed for students who could take a traditional PE class.*

## **HEPE1120 Cross Training**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed to assist students in discovering the value and benefits of intense physical activity to enhance competency in all physical tasks. The goal of this course is to introduce students to CrossFit, commonly known as the “Sport of Fitness”. The CrossFit prescription is “constantly varied, high intensity, functional movement”. By creating a positive environment—commonly associated with teams or close groups—camaraderie, natural competition and fun will be present, resulting in a healthy intensity that

cannot be matched by other means. Students will be given a forum where they can push their own limits and celebrate their successes as well as the successes of their classmates.

## **HEPE1130 Weight Training**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. Offered all semesters.

Course Description: Students will develop skills in proper weightlifting techniques and conditioning exercises. Students will develop personal fitness and increase strength levels. Students develop a basic understanding of Weight Training.

\* *"Weight Training" is the male weight class.*

\* *If a student has failed a previous PE class (including weights), they will need instructor approval to take this class.*

## **HEPE1131 Women's Weights**

Prerequisite: none (girls only for this class)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. Offered all semesters.

Course Description: This course is designed to improve the muscular strength/endurance, flexibility and overall conditioning of the female student athlete. We will strive to increase the student's strength, power, flexibility, and core through a sport specific and individualized program. We will implement the physiological principles of overload, progression, and specificity in our strength and conditioning workouts. Students will develop an understanding of the important role strength, conditioning and proper nutrition plays in athletic excellence and injury prevention. The course will also follow a conceptual approach dealing with the following topics: how strength and conditioning attributes to athletic excellence, safety, diet and weight control.

## **HEPE1140 Sports & Leadership**

Prerequisite: Teacher Approval

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: The Sports & Leadership class consists of weight training, speed and coordination drills (isometrics), plyometric and cardiorespiratory activities. Integrated into the course will be a variety of activities including: form running, agility, and speed development exercises. It is directed towards the enhancement of the physical body to improve confidence in self-image, as well as to improve muscle tone and endurance.

Leadership skills (including positive sports culture habits) will also be included as part of this course.

*\*This course may only be offered as a "zero-hour" class (before school). Students will need their own transportation to attend this class if offered during "zero-hour".*

## **HEPE1150 Womens Wrestling**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is for female students who choose to participate on the SVHS Women's Wrestling team.

*\*This course will only be offered "as-needed" if girls wrestling practice is held during 6th period. \*Students should not "pre-register" for this class, even if they plan on participating in wrestling.*

## **HEPE1310 Principles of Fitness**

Prerequisite: none (age/GPA requirement if taken for college credit - see below)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course has been designed to develop positive health practices in the area of physical activity, nutrition and relaxation. Emphasis is placed upon understanding and developing patterns of living conducive to maintaining good health and fitness, and the reinforcement of habitual physical activity. An interdisciplinary approach is taken so that adequate understanding is obtained in exercise physiology, principles of conditioning, nutrition and the solutions related to stress and relaxation.

*\*This course can be taken as a Concurrent course for 2 college credits through Utah State University at a cost of \$75/credit. Students must be 16+ years of age AND have a 3.0 cumulative GPA to take for college credit.*

## **HEPE1320 Lifetime Sports**

Prerequisite: 10th - 12th grade students only

Course Sequence/Credit: This is a 1 Trimester course for 1.0 credits. Lifetime Sports is taught in a **2 period block**. Must be enrolled in both periods.

Course Description: Lifetime Sports class is a challenging course which includes golfing, bowling, pickleball(indoor/outdoor), bicycling & bike maintenance, hiking, snowshoeing, cross-country skiing, fishing (fly & rod), hunter safety, archery, orienteering, outdoor survival skills, and various other outdoor activities. This course also includes outdoor leadership, emphasized in those activities. Parent or Guardian Permission is required.

*\* Each trimester of this course will offer different activities that coincide with the weather and/or different sport seasons.*

## **HIST0910 History Through Film**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: A major goal of this course is determining what is valid in contemporary films and historical dramas and what do these films say about the people who create them, the politics behind their creation, and how they reflect the values, ideas, and larger historical issues of the times in which they were created. In addition, we will touch on the history of Hollywood and the motion picture industry itself and examine, from time to time, the changes in film technology, techniques, and/or in the “politics” of the business. A wide range of primary source materials will be used for this purpose.

## **HIST1000-A World History / Culture A**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 10th grade)

Course Description: This is a general survey course in World History. While some emphasis will be in the history of Western civilization, there is much value in learning the history of other parts of the world. Units of study in the first Trimester will include: Early Civilizations, World Religions, The “Middle” Ages & Great Global Convergence, The Renaissance & Enlightenment, Revolutions in America & Europe (political, social and industrial). Also taught are Historical Thinking such as understanding cause and effect, determining turning points, differing between perspectives, analyzing primary sources, etc.

## **HIST1000-AOL World History A (Online)**

Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 10th grade)

Course Description: This is a general survey course in World History. While some emphasis will be in the history of Western civilization, there is much value in learning the history of other parts of the world. Units of study in the first Trimester will include: Early Civilizations, World Religions, The “Middle” Ages & Great Global Convergence, The Renaissance & Enlightenment, Revolutions in America & Europe (political, social and industrial). Also taught are Historical Thinking such as understanding cause and effect, determining turning points, differing between perspectives, analyzing primary sources, etc.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **HIST1000-B World History / Culture B**

Prerequisite: World History/Culture A

Course Sequence/Credit: This is a 1 Trimester course (following World History A) for .5 credits. (Typically taken during 10th grade)

Course Description: This is a general survey course in World History. While some emphasis will be in the history of Western civilization, there is much value in learning the history of other parts of the world. Units of



study in the 2nd Trimester include: Imperialism, World War I, Causes & Effects of World War II, The Cold War & Associated Global Events, The Middle East in the last century. Also taught are Historical Thinking such as understanding cause and effect, determining turning points, differing between perspectives, analyzing primary sources, etc.

### **HIST1000-BOL World History B (Online)**

Prerequisite: World History A AND Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 10th grade)

Course Description: This is a general survey course in World History. While some emphasis will be in the history of Western civilization, there is much value in learning the history of other parts of the world. Units of study in the 2nd Trimester include: Imperialism, World War I, Causes & Effects of World War II, The Cold War & Associated Global Events, The Middle East in the last century. Also taught are Historical Thinking such as understanding cause and effect, determining turning points, differing between perspectives, analyzing primary sources, etc.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **HIST1100-A American History A**

Prerequisites: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 11th grade)

Course Description: This course is the fascinating story of people, events, and ideas that shaped the early United States and why these concepts matter now. American History A will cover the ancient history of North America up until 1851.

### **HIST1100-AOL American History A (Online)**

Prerequisites: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 11th grade)

Course Description: This course is the fascinating story of people, events, and ideas that shaped the early United States and why these concepts matter now. American History A will cover the ancient history of North America up until 1851

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **HIST1100-B American History B**

Prerequisites: American History A

Course Sequence/Credit: This is a 1 Trimester course (to follow American History A) for .5 credits. (Typically taken during 11th grade)

Course Description: This survey course emphasizes the growth and development of the United States from 1851 to the present. During the course, students will make personal connections with specific events and individuals in US history while developing an understanding of democratic values.

### **HIST1100-BOL American History B (Online)**

Prerequisites: American History A, AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course (to follow American History A) for .5 credits. (Typically taken during 11th grade)

Course Description: This survey course emphasizes the growth and development of the United States from 1851 to the present. During the course, students will make personal connections with specific events and individuals in US history while developing an understanding of democratic values.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **HIST1300-A American History - HONORS A**

Prerequisite: 3.25 Cumulative GPA AND/OR Teacher Approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Usually taken during 11th grade)

Course Description: This class is to provide students with the analytical and factual knowledge necessary to deal critically with problems and issues in United States History. It is intended for qualified students who wish to complete the equivalent to an introductory college American History class while still in high school. This equates to a college survey overview of American History from its discovery/founding through 1865.

*\*This is part 1 of 3 in a concurrent course offered through Western Wyoming Community College. Students can earn up to 6 college credits by completing all 3 trimesters of this course. Students must be 16+ years of age to earn college credit.*

### **HIST1300-B American History - HONORS B**

Prerequisite: Honors American History A AND 3.25 Cumulative GPA AND/OR Teacher Approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Usually taken during 11th grade)

Course Description: This class is to provide students with the analytical and factual knowledge necessary to deal critically with problems and issues in United States History. It is intended for qualified students who wish to complete the equivalent to an introductory college American History class while still in high school. This equates to a college survey overview of American History from its discovery/founding through 1865.

*\*This is part 2 of 3 in a concurrent course offered through Western Wyoming Community College. Students can earn up to 6 college credits by completing all 3 trimesters of this course. Students must be 16+ years of age to earn college credit.*

### **HIST1300-C American History - HONORS C**

Prerequisite: Honors American History A AND 3.25 Cumulative GPA AND/OR Teacher Approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Usually taken during 11th grade)

Course Description: This class is to provide students with the analytical and factual knowledge necessary to deal critically with problems and issues in United States History. It is intended for qualified students who wish to complete the equivalent to an introductory college American History class while still in high school. This equates to a college survey overview of American History from its discovery/founding through 1865.

*\*This is part 3 of 3 in a concurrent course offered through Western Wyoming Community College. Students can earn up to 6 college credits by completing all 3 trimesters of this course. Students must be 16+ years of age to earn college credit.*

## **HMEC0900 Child Development**

Prerequisites: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This child development course will build a positive understanding of children's growth and development as well as a solid foundation of parenting skills. Topics of study include responsibilities of parenting, building strong families, pregnancy and childbirth, and the physical, emotional, social, and intellectual development of children from birth to age 6. Child development students will learn theories of child development and growth as well as techniques to use when working with young children through class activities, presentations, discussion, videos, guest speakers, and field trips.

## **HMEC1000 Early Childhood Education I**

Prerequisite: Child Development

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course introduces students to career opportunities related to early childhood education through instruction and hands-on lab experiences. Topics of study include providing early care and education of young children, approaches to teaching and learning, developmentally appropriate practice, and planning safe and healthy learning environments.

## **HMEC1100 Early Childhood Education II**

Prerequisite: Child Development, Early Childhood Education I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course introduces students to career opportunities related to early childhood education through instruction and hands-on lab experiences. Topics of study include providing early care and education of

young children, approaches to teaching and learning, developmentally appropriate practice, and planning safe and healthy learning environments.

### **MATH0891 Math Skills S1, S2, S3**

Prerequisite: none (Teacher recommendation only)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a math support class designed to help students receive individualized instruction, reteaching and practice time. This is not a general education math class.

*\*Students will be placed in this class as recommended. Students may not "pre-register" for this course.*

### **MATH0910-A Algebra I A**

Prerequisite: none (teacher recommendation required to take this course).

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed to approach Algebra I at a slower pace. Concepts will include: the simplifying of expressions, order of operations, real number properties, solving equations, graphing and solving systems of equations and inequalities, applying rules for exponents, factoring polynomials and simplifying square roots. Graphing Calculator is required.

*\* This is part 1 of 3 for the Informal Algebra I course. Students must take all 3 trimesters to be prepared for Geometry and Algebra II.*

*\* Students will be placed in this course based on teacher recommendation. Students should not "pre-register" for this course.*

### **MATH0910-B Algebra I B**

Prerequisite: Algebra IA AND teacher recommendation.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed to approach Algebra I at a slower pace. Concepts will include: solving equations and inequalities, writing and graphing equations of lines, graphing and solving systems of

equations and inequalities, applying rules for exponents, polynomials operations, factoring polynomials, solving quadratics, rational expression operations, operations with square roots. Graphing Calculator is required

*\* This is part 2 of 3 for the Informal Algebra I course. Students must take all 3 trimesters to be prepared for Geometry and Algebra II.*

*\* Students will be placed in this course based on teacher recommendation. Students should not "pre-register" for this course.*

## **MATH0910-C Algebra I C**

Prerequisite: Algebra IA AND teacher recommendation.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed to approach Algebra I at a slower pace. Concepts will include: solving equations and inequalities, writing and graphing equations of lines, graphing and solving systems of equations and inequalities, applying rules for exponents, polynomials operations, factoring polynomials, solving quadratics, rational expression operations, operations with square roots. Graphing Calculator is required

*\* This is part 3 of 3 for the Informal Algebra I course. Students must take all 3 trimesters to be prepared for Geometry and Algebra II.*

*\* Students will be placed in this course based on teacher recommendation. Students should not "pre-register" for this course.*

## **MATH0911-A Acc. Algebra I A**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This the first half of Algebra I designed to meet the needs of the average math student. Concepts covered will include: simplifying of expressions, order of operations, real number properties, solving equations, graphing and solving systems of equations and inequalities, applying rules for exponents, factoring polynomials and simplifying square roots. Graphing Calculator is required.

*\*The term "Accelerated" in the course title indicates that Algebra I curriculum will be completed over the course of 2 trimesters. It does not move at an accelerated pace, nor is the material more difficult. This is the Algebra I course for general education students.*

### **MATH0911-AOL Acc. Algebra I A (Online)**

Prerequisite: Complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This the first half of Algebra I designed to meet the needs of the average math student.

Concepts covered will include: simplifying of expressions, order of operations, real number properties, solving equations, graphing and solving systems of equations and inequalities, applying rules for exponents, factoring polynomials and simplifying square roots. Graphing Calculator is required.

*\*The term "Accelerated" in the course title indicates that Algebra I curriculum will be completed over the course of 2 trimesters. It does not move at an accelerated pace, nor is the material more difficult. This is the Algebra I course for general education students.*

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **MATH0911-B Acc. Algebra I B**

Prerequisite: Algebra IA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This the second half of Algebra I designed to meet the needs of the average math student.

Concepts covered will include: simplifying of expressions, order of operations, real number properties, solving equations, graphing and solving systems of equations and inequalities, applying rules for exponents, factoring polynomials and simplifying square roots. Graphing Calculator is required.

*\*The term "Accelerated" in the course title indicates that Algebra I curriculum will be completed over the course of 2 trimesters. It does not move at an accelerated pace, nor is the material more difficult. This is the Algebra I course for general education students.*

## **MATH0911-BOL Acc. Algebra I B (Online)**

Prerequisite: Accelerated Algebra IA AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This the first half of Algebra I designed to meet the needs of the average math student.

Concepts covered will include: simplifying of expressions, order of operations, real number properties, solving equations, graphing and solving systems of equations and inequalities, applying rules for exponents, factoring polynomials and simplifying square roots. Graphing Calculator is required.

*\*The term "Accelerated" in the course title indicates that Algebra I curriculum will be completed over the course of 2 trimesters. It does not move at an accelerated pace, nor is the material more difficult. This is the Algebra I course for general education students.*

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **MATH0920-A Geometry A**

Prerequisite: Algebra IA, IB, IC (teacher recommendation required to take this course).

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed to approach Geometry at a slower pace. Geometry involves the study of points, lines, planes and other geometric figures as they relate to our physical world. Students will learn to measure geometric figures and their areas and volumes; develop their logic and inductive and deductive reasoning skills.

*\* This is part 1 of 2 for the Informal Geometry course. Students must take both trimesters to be prepared for Algebra II or Financial Algebra.*

*\* Students will be placed in this course based on teacher recommendation. Students should not "pre-register" for this course.*

## **MATH0920-B Geometry B**

Prerequisite: Geometry A (teacher recommendation required to take this course).



Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed to approach Geometry at a slower pace. Geometry involves the study of points, lines, planes and other geometric figures as they relate to our physical world. Students will learn to measure geometric figures and their areas and volumes; develop their logic and inductive and deductive reasoning skills.

*\* This is part 2 of 2 for the Informal Geometry course. Students must take both trimesters to be prepared for Algebra II or Financial Algebra.*

*\* Students will be placed in this course based on teacher recommendation. Students should not "pre-register" for this course.*

### **MATH0921-A Acc. Geometry A**

Prerequisite: Accelerated Algebra IA & IB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This the first half of Geometry designed to meet the needs of the average math student. Geometry involves the study of points, lines, planes and other geometric figures as they relate to our physical world. Students will learn to measure geometric figures and their areas and volumes; develop their logic and inductive and deductive reasoning skills.

### **MATH0921-AOL Acc. Geometry A (Online)**

Prerequisite: Accelerated Algebra IA & IB AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This the first half of Geometry designed to meet the needs of the average math student. Geometry involves the study of points, lines, planes and other geometric figures as they relate to our physical world. Students will learn to measure geometric figures and their areas and volumes; develop their logic and inductive and deductive reasoning skills.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **MATH0921-B Acc. Geometry B**

Prerequisite: Accelerated Geometry A

Course Sequence/Credit: This is a 1 Trimester course (following Acc Geometry A) for .5 credits.

Course Description: This the second half of Geometry designed to meet the needs of the average math student. Geometry involves the study of points, lines, planes and other geometric figures as they relate to our physical world. Students will learn to measure geometric figures and their areas and volumes; develop their logic and inductive and deductive reasoning skills.

## **MATH0921-BOL Acc. Geometry B (Online)**

Prerequisite: Accelerated Geometry A AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This the second half of Geometry designed to meet the needs of the average math student. Geometry involves the study of points, lines, planes and other geometric figures as they relate to our physical world. Students will learn to measure geometric figures and their areas and volumes; develop their logic and inductive and deductive reasoning skills.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **MATH1010-A Algebra II A**

Prerequisite: Algebra IA/IB, Geometry A/B (teacher recommendation required to take this course).

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed to approach Algebra II at a slower pace. This course is a study of equations and inequalities, linear relations and functions, systems of equations and inequalities, matrices, polynomials, radical expressions, and quadratic equations. Graphing Calculator is required.

*\* This is part 1 of 2 for the Informal Algebra II course. Students must take both trimesters to be prepared for Financial Algebra or Advanced Algebra.*

*\* Students will be placed in this course based on teacher recommendation. Students should not "pre-register" for this course.*

## **MATH1010-B Algebra II B**

Prerequisite: Algebra IIA (teacher recommendation required to take this course).

Course Sequence/Credit: This is a 1 Trimester course (following Algebra IIA) for .5 credits

Course Description: This course is designed to approach Algebra II at a slower pace. This course is a study of conics, polynomial functions, rational functions, rational polynomial expressions, exponential and logarithmic functions, sequences and series, probability and statistics, and trigonometric functions. Graphing Calculator is required.

*\* This is part 2 of 2 for the Informal Algebra II course. Students must take both trimesters to be prepared for Financial Algebra or Advanced Algebra.*

*\* Students will be placed in this course based on teacher recommendation. Students should not "pre-register" for this course.*

## **MATH1011-A Acc. Algebra II A**

Prerequisites: Acc Algebra IA/IB, Acc Geometry A/B

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This the first half of Accelerated Algebra II designed to meet the needs of the average math student. This is a two part course studying equations and inequalities, linear equations and functions, linear systems and matrices, quadratic functions and factoring. Students will also learn to solve multiple-degree polynomials, rational exponents, radical functions and basic statistics. TI-84 Plus Silver graphing calculator is required.

## **MATH1011-AOL Acc. Algebra II A (Online)**

Prerequisites: Acc Algebra IA/IB, Acc Geometry A/B, AND complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This the first half of Accelerated Algebra II designed to meet the needs of the average math student. This is a two part course studying equations and inequalities, linear equations and functions, linear systems and matrices, quadratic functions and factoring. Students will also learn to solve multiple-degree polynomials, rational exponents, radical functions and basic statistics. TI-84 Plus Silver graphing calculator is required.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **MATH1011-B Acc. Algebra II B**

Prerequisites: Acc Algebra IIA

Course Sequence/Credit: This is a 1 Trimester course (following Acc Algebra IIA) for .5 credits.

Course Description: This the second half of Accelerated Algebra II designed to meet the needs of the average math student. This is a two part course studying equations and inequalities, linear equations and functions, linear systems and matrices, quadratic functions and factoring. Students will also learn to solve multiple-degree polynomials, rational exponents, radical functions and basic statistics. TI-84 Plus Silver graphing calculator is required.

### **MATH1011-BOL Acc. Algebra II B (Online)**

Prerequisites: Acc Algebra IIA AND complete "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course (following Acc Algebra IIA) for .5 credits.

Course Description: This the second half of Accelerated Algebra II designed to meet the needs of the average math student. This is a two part course studying equations and inequalities, linear equations and functions, linear systems and matrices, quadratic functions and factoring. Students will also learn to solve multiple-degree polynomials, rational exponents, radical functions and basic statistics. TI-84 Plus Silver graphing calculator is required.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **MATH1012-A Financial Algebra A**

Prerequisite: Algebra I & Geometry (Teacher Recommendation only for this course)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a two-semester course using mathematical concepts such as statistics, formulas, functions, equations and inequalities, and linear equations to explore real world application within the world of finance. Topics such as discretionary expenses, banking services, credit, automobile ownership, employment basics, income taxes, preparing a budget, and independent living are used to assist students in making sense of the financial world around them and help them become wise consumers. TI-84 graphing calculator is required.

## **MATH1012-B Financial Algebra B**

Prerequisite: Financial Algebra A (Teacher Recommendation only for this course)

Course Sequence/Credit: This is a 1 Trimester course (following Financial Alg A) for .5 credits.

Course Description: This is a two-semester course using mathematical concepts such as statistics, formulas, functions, equations and inequalities, and linear equations to explore real world application within the world of finance. Topics such as discretionary expenses, banking services, credit, automobile ownership, employment basics, income taxes, preparing a budget, and independent living are used to assist students in making sense of the financial world around them and help them become wise consumers. TI-84 graphing calculator is required.

## **MATH1110-A Adv. Alg / Trig A**

Prerequisite: Accelerated Algebra IIA/IIB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is the first half of the Advanced Algebra/Trigonometry course. This course studies the graphs and equations of exponential and logarithmic functions, rational functions, quadratic relations and conic sections, series, sequences, counting methods, probability, data analysis and statistics. This course also studies trigonometric relationships within triangles, Cartesian coordinates, the unit circle, graphs of trigonometric functions, vector analysis, trigonometric identities and solving triangles using the laws of sines and cosines. TI-84 graphing calculator is required.

## **MATH1110-AOL Adv. Alg / Trig A (Online)**

Prerequisite: Accelerated Algebra IIA/IIB, AND complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is the first half of the Advanced Algebra/Trigonometry course. This course studies the graphs and equations of exponential and logarithmic functions, rational functions, quadratic relations and conic sections, series, sequences, counting methods, probability, data analysis and statistics. This course also studies trigonometric relationships within triangles, Cartesian coordinates, the unit circle, graphs of trigonometric functions, vector analysis, trigonometric identities and solving triangles using the laws of sines and cosines. TI-84 graphing calculator is required.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **MATH1110-B Adv. Alg / Trig B**

Prerequisite: Advanced Algebra/Trigonometry A

Course Sequence/Credit: This is a 1 Trimester course (following Advanced Alg/Trig A) for .5 credits.

Course Description: This is the second half of the Advanced Algebra/Trigonometry course. This course studies the graphs and equations of exponential and logarithmic functions, rational functions, quadratic relations and conic sections, series, sequences, counting methods, probability, data analysis and statistics. This course also studies trigonometric relationships within triangles, Cartesian coordinates, the unit circle, graphs of trigonometric functions, vector analysis, trigonometric identities and solving triangles using the laws of sines and cosines. TI-84 graphing calculator is required.

## **MATH1110-BOL Adv. Alg / Trig B (Online)**

Prerequisite: Advanced Algebra/Trigonometry A AND complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course (following Advanced Alg/Trig A) for .5 credits.

Course Description: This is the second half of the Advanced Algebra/Trigonometry course. This course studies the graphs and equations of exponential and logarithmic functions, rational functions, quadratic relations and conic sections, series, sequences, counting methods, probability, data analysis and statistics. This course also studies trigonometric relationships within triangles, Cartesian coordinates, the unit circle, graphs of trigonometric functions, vector analysis, trigonometric identities and solving triangles using the laws of sines and cosines. TI-84 graphing calculator is required.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **MATH1230 Pre Calculus Algebra**

Prerequisite: Advanced Algebra/Trig A & B

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (College credit available - see below)

Course Description: This college level course will deepen your understanding of topics covered in College Algebra and prepare you to succeed in Calculus. The course topics include: Functions: graphs, transformations, combinations and inverses. Polynomial, rational, exponential, logarithmic functions and applications; Systems of equations and matrices; Partial fraction decomposition.

*\*This course can be taken as a Concurrent course for 4 college credits through Utah State University at a cost of \$75/credit. Students must be 16+ years of age AND have scored at least a 23 on their ACT to take this course for college credit.*

### **MATH1231 Pre Calculus Trig**

Prerequisite: Pre-Calculus Algebra

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (College credit available - see below)

Course Description: This college level course will deepen your understanding of topics covered in College Algebra and prepare you to succeed in Calculus. The course topics include: Functions: graphs, transformations, combinations and inverses. Polynomial, rational, exponential, logarithmic functions and applications; Systems of equations and matrices; Partial fraction decomposition.

*\*This course can be taken as a Concurrent course for 3 college credits through Utah State University at a cost of \$75/credit. Students must be 16+ years of age AND have scored at least a 24 on their ACT to take this course for college credit.*

### **MATH1330-A Calculus- A**

Prerequisite: Pre-Calculus Algebra & Pre-Calculus Trigonometry

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Calculus is the highest-level math course offered at SVHS. Topics covered will include: Functions and models, limits and derivatives, rules and applications of differentiation and integration. Graphing calculator required. This course is designed to prepare students to sit for the AP Calculus AB exam, with the potential to earn college credit based on their score.

*\*Students wishing to take the AP Calculus AB exam need to take all 3 trimesters of Calculus. The cost of the AP exam is approximately \$105.*

### **MATH1330-B Calculus- B**

Prerequisite: Pre-Calculus Algebra & Pre-Calculus Trigonometry

Course Sequence/Credit: This is a 1 Trimester course (following Calculus A) for .5 credits.

Course Description: Calculus is the highest-level math course offered at SVHS. Topics covered will include: Functions and models, limits and derivatives, rules and applications of differentiation and integration. Graphing calculator required. This course is designed to prepare students to sit for the AP Calculus AB exam, with the potential to earn college credit based on their score.

*\*Students wishing to take the AP Calculus AB exam need to take all 3 trimesters of Calculus. The cost of the AP exam is approximately \$105.*

### **MATH1330-C Calculus- C**

Prerequisite: Pre-Calculus Algebra & Pre-Calculus Trigonometry

Course Sequence/Credit: This is a 1 Trimester course (following Calculus B) for .5 credits.



Course Description: Calculus is the highest-level math course offered at SVHS. Topics covered will include: Functions and models, limits and derivatives, rules and applications of differentiation and integration. Graphing calculator required. This course is designed to prepare students to sit for the AP Calculus AB exam, with the potential to earn college credit based on their score.

*\*Students wishing to take the AP Calculus AB exam need to take all 3 trimesters of Calculus. The cost of the AP exam is approximately \$105.*

## **MATH1340 Statistics**

Prerequisite: Accelerated Algebra IIA/IIB

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: The presentation and application of statistical inference. Topics include measures of central tendency, variance and standard deviation, probability modes, inference for means, analysis of variance for one way classification and an introduction to linear regression and correlation.

*\*This course can be taken as a Concurrent course for 4 college credits through Western Wyoming Community College. Students must be 16+ years of age to take this course for college credit.*

## **MUSI0910 Symphonic Band A, B, C**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Offered all semesters)

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in a concert band setting. They will connect music with history, cultures, and society. This is a performance-based course, including pep band and marching band experiences. Symphonic Band will have 15-20 performances a year, will participate in District Clinic, All State, and District Festival.

## **MUSI0921 Chamber Orch A, B, C**

Prerequisite: Audition required (Teacher recommendation required to take this course).

Course Sequence/Credit: This is a 1 Trimester course for .5 credits (Offered all semesters)

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in an orchestral setting. Chamber Orchestra students participate in state string clinic, district music festival, and other performances throughout the year. Advanced musical skills and techniques are mastered through performance of standard classical chamber music and modern string orchestra music.

*\*Students should not "pre-register" for this course - Teacher approval is required.*

### **MUSI0922 Concert Orch A, B, C**

Prerequisite: Previous String Experience or Teacher Permission.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Offered all semesters)

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in an orchestral setting. Concert Orchestra plays a variety of high school level music including pop, fiddle and classical music. It is also a preparatory orchestra for those interested in auditioning for Chamber Orchestra. Students interested in improving their skills in strings, while enjoying a variety of music would be a good fit for this class. Students will have a variety of performances outside of the classroom.

### **MUSI0930 Mixed Choir A, B**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for 5 credits. (Offered Fall and Winter Semesters only)

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in a choral setting. They will connect music with history, cultures, and society. This is a performance-based course. Some out of school time will be required. Mixed Choir will participate in District Festival.

### **MUSI1030 Concert Chorale A, C**

Prerequisite: Audition required (Teacher recommendation required to take this course)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Offered Fall and Spring Semesters only)

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in a choral setting. They will connect music with history, cultures, and society. This is a

performance-based course. Concert Chorale will have 5-8 performances a year, will participate in a two-day group tour, District Clinic, All State, and District Festival.

*\*Students should not "pre-register" for this course - Teacher recommendation/audition is required.*

### **MUSI1130 Select Girls Choir A, B**

Prerequisite: Audition required (Teacher recommendation required to take this course)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Offered Fall and Winter Semesters Only)

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in a choral setting. They will connect music with history, cultures, and society. This is a performance-based course. This class is for an advanced all-girls choir, known as "Treble Tones". Treble tones will have 15-20 performances a year, will participate in a group tour, District Clinic, All-State, Select Festival, and District Festival. Out of school rehearsal time is required. Women selected for this group may not enroll in Singcopation.

*\*Students should not "pre-register" for this course - Teacher recommendation/audition is required.*

### **MUSI1140 Musical Percussion**

Prerequisite: Instructor Approval required prior to enrollment.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a study of music and its "real world" application of public performances. Students will rehearse and prepare for performance in the SVHS Marching Braves Drumline and Percussion Ensemble. This class is offered first trimester only.

*\*Students should not "pre-register" for this course - Teacher recommendation/audition is required.*

### **MUSI1210 Jazz Band A, B**

Prerequisite: Audition required. (Instructor Approval required prior to enrollment)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in a jazz band setting. They will connect music with history, cultures, and society. This is a performance-based course, including Pep band. The SVHS Jazz Band will have 15 - 20 performances a year, will participate in District Clinic, All State, and District Festival.

*\*Students should not "pre-register" for this course - Teacher recommendation/audition is required.*

### **MUSI1211 Select Jazz Choir A, B**

Prerequisite: Audition required (Teacher recommendation required to take this course)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Students will learn techniques and skills to create and perform while collaborating with others in a small choral setting. They will connect music with history, cultures, and society. This is a performance-based course. Singcopation will have 15-20 performances a year, will participate in a group tour, District Clinic, All State, Jazz Festival, and District Festival. Students selected for this group may not enroll in Select Girls Choir.

### **PMED0900 Sports Medicine**

Prerequisite: none (preference given to 11th/12th grade students)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (college credit available - see below)

Course Description: Sports Medicine will provide students with the knowledge and skills to understand and perform therapeutic tasks that would be designated by an athletic or fitness trainer. Topics covered may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. Students may learn to measure cardiorespiratory endurance, muscular strength and endurance, flexibility, body composition, and blood pressure. More advanced topics may include injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes.

*\*This course can be taken as a Concurrent course for 3 college credits through Utah State University at a cost of \$75/credit. Students must be 16+ years of age AND have a 3.0 cumulative GPA to take for college credit.*

## **PMED1210 CNA Certification**

Prerequisite: 3.25 GPA, 16 years old. (because of limited spots, preference is given to 12th graders)

*\*THIS COURSE MUST BE TAKEN AS A CONCURRENT COURSE for 4 College credits through Western Wyoming CC.*

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course prepares a person to work as a nursing assistant. Assistants work in hospitals or nursing homes under the supervision of licensed nursing personnel. The course includes basic nursing assistant principles as well as provides opportunities for practice and demonstration of skills related to client care, with emphasis on the elderly client. Student's time will be divided between classroom lecture, nursing laboratory time and supervised experience in hospital and nursing home settings. Clinical time near the end of the semester will require additional hours and will be completed at SV Care Center.

*\* Satisfactory completion of course entitles the student to take the competency examination to become "certified" in the State of Wyoming.*

*\* There is a fee for registration of this class.*

## **PSCI0900-A Physical Science A**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 9th grade)

Course Description: Course focus is to give students a good foundation in atomic theory and properties of matter. Chemical bonding and use of the Periodic Table of The Elements are both a large component of this course.

## **PSCI0900-AOL Physical Science A (Online)**

Prerequisite: Complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 9th grade)

Course Description: Course focus is to give students a good foundation in atomic theory and properties of matter. Chemical bonding and use of the Periodic Table of The Elements are both a large component of this course.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **PSCI0900-B Physical Science B**

Prerequisite: Physical Science A

Course Sequence/Credit: This is a 1 Trimester course (following Physical Science A) for .5 credits. (Typically taken during 9th grade)

Course Description: Course focus is to give students a good foundation in Motion, Forces, Newton's Laws of Motion, Energy types and transfers, and Wave behavior.

### **PSCI0900-BOL Physical Science B (Online)**

Prerequisite: Physical Science A, AND complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course (following Physical Science A) for .5 credits. (Typically taken during 9th grade)

Course Description: Course focus is to give students a good foundation in Motion, Forces, Newton's Laws of Motion, Energy types and transfers, and Wave behavior.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **PSCI0900-OL Earth Science (Online)**

Prerequisite: Complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: The Earth Science curriculum builds on the natural curiosity of students. ... Students will explore topics such as: Fundamentals of geology, oceanography, meteorology, and astronomy. Earth's minerals and rocks. The class is designed with a variety of activities appropriate for different interests, learning styles,

and intellectual abilities. The primary value of the educational experience in the discipline of this online course is seen as helping students to acquire and develop critical thinking skills and a real-world application approach that has value beyond the classroom.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **PSCI1120-A Geology A**

Prerequisite: Physical Science A/B, Biology A/B

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (taken during 11th or 12th grade)

Course Description: This class is designed to give students a basic understanding of beginning geologic concepts and skills. It will be a hands-on approach to learn about Earth's materials, resources, and systems. Our planet's dynamic surface and interior processes will be studied through investigations of plate tectonics, volcanoes, earthquakes, mountain building, streams, groundwater, mass movements, glaciers, and shoreline processes. We will use lectures, library and Internet research, field studies, labs, maps, and computers to learn about our marvelous world. A student must take Geology A before taking Geology B.

## **PSCI1120-B Geology B**

Prerequisite: Geology A

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (taken during 11th or 12th grade)

Course Description: This class is designed to give students a basic understanding of beginning geologic concepts and skills. It will be a hands-on approach to learn about Earth's materials, resources, and systems. Our planet's dynamic surface and interior processes will be studied through investigations of plate tectonics, volcanoes, earthquakes, mountain building, streams, groundwater, mass movements, glaciers, and shoreline processes. We will use lectures, library and Internet research, field studies, labs, maps, and computers to learn about our marvelous world. A student must take Geology A before taking Geology B.

## **PSCI1330-A Physics - A**

Prerequisite: Advanced Alg/Trig OR concurrent enrollment in Advanced Alg/Trig with teacher's permission.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (taken in 11th or 12th grade)

Course Description: This class is a must for those considering professions in engineering, and other physical science-related fields. Physics is a hands-on approach to the study of linear motion, rotary motion, circular motion, projectile motion, energy, work, power, machines, and period motion. The course includes application of concepts through laboratory work and construction of several devices. Cannons, bridges, timing devices, and egg transport machines are some of the projects used for learning experiences. Probe and sensor-based labs are also used to give students opportunities to collect and synthesize data using computers.

### **PSCI1330-B Physics – B**

Prerequisite: Physics A

Course Sequence/Credit: This is a 1 Trimester course (to follow Physics A) for .5 credits.

Course Description: This class is a must for those considering professions in engineering, and other physical science-related fields. Physics is a hands-on approach to the study of linear motion, rotary motion, circular motion, projectile motion, energy, work, power, machines, and period motion. The course includes application of concepts through laboratory work and construction of several devices. Cannons, bridges, timing devices, and egg transport machines are some of the projects used for learning experiences. Probe and sensor-based labs are also used to give students opportunities to collect and synthesize data using computers.

### **PSY0900 Sports Psychology**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed to explore the ability of top performers and leaders to handle the pressure that comes with competition and performance. Topics covered will include: A) Relationship with competition B) Achieving the Flow State C) Dealing with pressure D) Grit E) Leadership F) Tools for success

### **PSY1100 Psychology**

Prerequisite: none



Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Usually taken during 11th/12th grade)

Course Description: To learn what personality is and how it is developed. To study mental health and how it is maintained. To study the influences of the environment upon the individual. To gain a positive self-concept.

This course explores the basic theories and principles of psychology. It guides students to a better understanding of the self. Students will also study consciousness and adolescent development, as well as traditional topics such as behaviorism, personality, learning, and social psychology.

### **SBIO1000-A Biology**

Prerequisite: Physical Science A & B

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 10th grade)

Course Description: Comprehensive coverage of biological concepts, topics, and terminology including activities and labs, which will develop scientific literacy. Topics include scientific principles, methods, tools, biochemistry, cell processes, genetics and inheritance, organization of life, ecosystems and an organism's role in the ecosystem, including the interdependence of living organisms.

### **SBIO1000-AOL Biology A (Online)**

Prerequisite: Physical Science A & B AND complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken during 10th grade)

Course Description: Comprehensive coverage of biological concepts, topics, and terminology including activities and labs, which will develop scientific literacy. Topics include scientific principles, methods, tools, biochemistry, cell processes, genetics and inheritance, organization of life, ecosystems and an organism's role in the ecosystem, including the interdependence of living organisms.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **SBIO1000-B Biology B**

Prerequisite: Biology A

Course Sequence/Credit: This is a 1 Trimester course (to follow Biology A) for .5 credits.

Course Description: Comprehensive coverage of biological concepts, topics, and terminology including activities and labs, which will develop scientific literacy. Topics include scientific principles, methods, tools, biochemistry, cell processes, genetics and inheritance, organization of life, ecosystems and an organism's role in the ecosystem, including the interdependence of living organisms.

### **SBIO1000-BOL Biology B (Online)**

Prerequisite: Biology A AND complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course (to follow Biology A) for .5 credits.

Course Description: Comprehensive coverage of biological concepts, topics, and terminology including activities and labs, which will develop scientific literacy. Topics include scientific principles, methods, tools, biochemistry, cell processes, genetics and inheritance, organization of life, ecosystems and an organism's role in the ecosystem, including the interdependence of living organisms.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

### **SBIO1102 Biotechnology,**

Prerequisite: Biology A & B

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Biotechnology is the use or manipulation of living organisms or components of living organisms to create products or scientific processes. One of the biggest successes of the Biotechnology Industry is the manufacturing of human insulin through bacteria. The study of biotechnology stems back to ancient civilizations and the artificial selection of organisms or the use of yeast to improve foods. Today, biotechnology involves everything from DNA manipulation and the production of GMO crops to cloning, molecular biology and forensics. This course is meant to introduce students to the fundamental principles of biotechnology, bioethics, the biotechnology industry and possible career choices in the biotechnology industry. This course will emphasize how we combine many of the sciences such as legal scientific data analysis, biology, chemistry and

physics to improve our current data collection or product manufacturing. The knowledge and skills gained in this course will prepare students to enter the workforce in a career that uses biotechnology or as a laboratory technician in a university setting.

### **SBIO1300 Biology II-HONORS**

Prerequisite: Biology A & B, Chemistry A & B

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (college credit available - see below)

Course Description: This is a university level Biology course. Concepts covered include microbiology, cellular functions, energy production, heredity, evolution, ecology, and organism diversity.

*\* This course is required as a prerequisite for Anatomy & Physiology.*

*\*This course can be taken as a Concurrent course for 3 college credits through Utah State University at a cost of \$75/credit. Students must be 16+ years of age AND have 3.0 cumulative GPA to take this course for college credit.*

### **SBIO1301 Biology II Anat/Phys**

Prerequisite: Honors Biology II

Course Sequence/Credit: This is a 1 Trimester course (following Honors Bio II) for .5 credits.

Course Description: Students will study the structure, functions, and diseases of the systems of the human body. Dissection required. One field trip required. Some guest presenters. The physical structure of friends and pets will take on new meaning. Good preparation for college classes, health and medical careers, or for any student who would like to understand more about the human body and related abnormalities.

*\*This course is not offered for college credit.*

### **SCIE1130 Zoology**

Prerequisite: Biology A & B

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Typically taken in 11th or 12th grade)

Course Description: Zoology is the study of animal life. This course will focus on animal diversity, animal systems, and both the macroscopic and microscopic world of zoology. Hands-on approach will be taken to extend knowledge and add depth to their understanding of animal systems through frequent dissections. As part of this hands-on approach, fieldwork and field trips may be required.

### **SOCL0900 Current Events**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Current Events is a Social Studies elective course that focuses on events that are happening around the world. Students will discuss how world events affect the lives of people in those countries. Students will gain a better perspective and understanding of cultures, conflicts, beliefs, and practices as they discuss current events happening across the globe.

### **SOCL1020 Economics**

Prerequisite: none (preference is given to 11th/12th grade students)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this class, students will learn both Microeconomics and Macroeconomics. Micro is the study of the economy at the individual or business level. Focus will be on supply and demand, prices of goods and services, careers, and personal finance. Macroeconomics is the study of the economy at a countrywide level. Focus will be on unemployment, inflation, banking, and government influence through monetary and fiscal policy. This course focuses on the study of economic problems and the methods by which societies solve them. It examines the characteristics of the market economy of the United States and its function in the world. It also helps students develop opinions based on economic principles and provides opportunities to share those opinions with their peers as they discuss current events.

### **SOCL1020-OL Economics (Online)**

Prerequisite: Complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: In this class, students will learn both Microeconomics and Macroeconomics. Micro is the study of the economy at the individual or business level. Focus will be on supply and demand, prices of goods and services, careers, and personal finance. Macroeconomics is the study of the economy at a countrywide level. Focus will be on unemployment, inflation, banking, and government influence through monetary and fiscal policy. This course focuses on the study of economic problems and the methods by which societies solve them. It examines the characteristics of the market economy of the United States and its function in the world. It also helps students develop opinions based on economic principles and provides opportunities to share those opinions with their peers as they discuss current events.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **SOCL1100 Sociology**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: To learn how people interact with one another. To study marriage and the family. To learn the effects of crime and juvenile delinquency, including a study of the prison system. To learn about the effects of old age and death. To study current social problems such as abortion and capital punishment. To learn how we are influenced by our culture and other cultures.

## **SOCL1200 US Government**

Prerequisites: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Taken during 12th grade)

Course Description: To understand the constitution and the American political process. To understand the world's problem areas and current trends. To understand the working of State and local government and your responsibility in the American government system. This course is an introduction to the basic concepts of American government, the American political process and the rights and responsibilities of citizenship.

## **SOCL1200-OL US Government (Online)**

Prerequisites: Complete the "Intro to Online Learning" course AND receive Online Coordinator approval.

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Taken during 12th grade)

Course Description: To understand the constitution and the American political process. To understand the world's problem areas and current trends. To understand the working of State and local government and your responsibility in the American government system. This course is an introduction to the basic concepts of American government, the American political process and the rights and responsibilities of citizenship.

*\* This course will only be offered "as-needed" with a minimum of 4 students enrolled.*

## **SOCL1300 US Govt – HONORS**

Prerequisite: 11th or 12th grade, 3.25 Cumulative GPA

Course Sequence/Credit: This is a 1 Trimester course for .5 credits (college credit available - see below)

Course Description: This class is to provide students with insight and factual knowledge necessary to analyze and understand in depth the U.S Government and its internal workings. It is intended for qualified students who wish to complete the equivalent to an introductory college Political Science class while still in high school.

There will be in-depth coverage of U.S Government and Political Science. There is also a section on Wyoming government and the Wyoming Constitution.

*\*This course is a concurrent course for 4 College credits through Western Wyoming CC. Students must be 16+ years of age to take for college credit. This is a very fast-paced, work intensive course.*

## **SOCL1330 US Criminal Justice**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credit

Course Description: Overview of the American criminal justice process with emphasis upon its constitutional foundations (police, courts, and corrections), its constitutional limits, ethical issues, and the right of the individual from arrest through sentencing to release.

## **SPDL0900 Life Skills**

Prerequisite: Teacher recommendation only

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed to help students learn day-to-day life skills.

*\* Students may not "pre-register" for this course. Teacher placement only.*

## **SPDL0902 IP Voc/Trans S1, S2, S3**

Prerequisite: Teacher recommendation only

Course Sequence/Credit: This is a 1 Trimester course for .5 credits. (Offered every semester)

Course Description: This course is designed to meet student's individualized needs.

*\* Students may not "pre-register" for this course. Teacher placement only.*

## **WELD0910 Intro to Welding,**

Prerequisite: none

Course Sequence/Credits: This is a 1 Trimester course for .5 credits

Course Description: This basic introductory course will get you started on a track towards a welding career.

This course is a trimester course in which you will develop skills in Stick-Electrode (arc) welding, the most versatile and widely used method in the welding industry. This course is a pre-requisite for all other welding courses.

*\*This course may only be taken one time - for beginning students only.*

## **WELD1010 Structural Welding**

Prerequisite: Intro to Welding

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is the second welding course students will take in their progression toward learning career-ready welding skills. Upon completion of this course, students will be proficient in welding fillet welds, using single, multi-pass and weave beads, on lap and tee joints, in all positions.

*\*This course may only be taken one time.*

## **WELD1110 Advanced Welding Techniques**

Prerequisite: Intro to Welding, Structural Welding

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is the third course students can take in our welding pathway. This course will help students continue to develop their skills in structural welding. The course will focus on V-groove welding with backing bar, in various positions. Students will also weld outside corner joints.

## **WELD1210 Fabrication & Plasma Welding**

Prerequisite: Advanced Welding Techniques AND Teacher Approval

Course Sequence/Credit: This is a 1 Trimester course for 1.0 credits. Fabrication & Plasma Welding is taught in a **2 period block**. Must be enrolled in both periods.

Course Description: In this course students will take what they have learned in all three welding classes and work on mastering some of the disciplines of MIG/Tig and Stick welding. Students will also familiarize themselves with metal working machines found in a welding/fabrication shop, like Iron workers, Drill press, Mill, Lathe, CnC Plasma table, and sheers. Students will have the opportunity to work on personal projects from drawing a blueprint, ordering metal, making a cut list and welding the project together for the finished product.

## **WELD1220 Structural Sheet Metal**

Prerequisites: Fabrication & Plasma Welding AND Teacher Recommendation

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: Students will learn and understand the basics of forming, shaping and fastening sheet metal. The class will include the basics of industry tools such as: English Wheel, Box and Pan Brake, Shrinker Stretcher, Bead Roller, Planishing Hammer. Students will have the opportunity to work with custom workstations for hand tools and learn how to manipulate the metal to its desired shape. They will be taught



about Metal Rivet placement and installation and the various types and uses of each type. These skills are often used in the auto body, aircraft, and HVAC industry.

## **WEXP0922 Stagecraft Productions**

Prerequisites: none (Teacher approval may be required)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed to introduce students to the "behind the scenes" work that goes into putting on a production. In this course, students will learn lighting/sound production, set construction, and backstage tactics. Students will have the opportunity to practice those skills during rehearsals and live events. The main focus of this course is to create the sets/lighting/props for the SVHS musical. Because of the level of responsibility expected from the students, teacher approval may be required to take this course.

## **WEXP1200 Internship I**

Prerequisite: 12th grade (11th grade based on availability and instructor approval)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed to introduce students to the world of work by giving them the opportunity to "job shadow" at various local schools/businesses/government entities/etc. Students choose a work site based on their interest, and then spend time daily at that site with the goal of improving their understanding of that career. Internship I will typically take place during 1st period. Internship II will typically take place during 2nd period. Students will have regular drop-in's by a teacher and have other requirements to meet such as time cards, skills videos, assignments, etc.

## **WEXP1201 Senior Capstone**

Prerequisite: 12th grade students only

Course Sequence/Credit: This is a 1 Trimester course for .5 credits

Course Description: This course is designed for students who are in the 12th grade. The goal of the course is to help prepare students for life after graduation. Students will learn the basics of financial literacy, including monitoring income, expenses, and how to pay your bills. Students will research opportunities for job or career training, including colleges, trade schools or universities that offer programs or degrees that interest them. Students will learn how to navigate the process of applying to attend those schools, and also learn how to apply for financial aid and scholarships. Students will become familiar with different occupations based on their interests and preferences, and will then spend time "job-shadowing" professionals in those locations. Students will be required to attend field trips with the class, do community based service projects as a class. Students will learn to prepare a professional resume and cover letter. They will also be taught interview skills and presentation methods. This culminates with the opportunity to do "mock" interviews with professionals in our community.

## **WEXP1202 Internship II**

Prerequisite: 12th grade (11th grade based on availability and instructor approval)

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is designed to introduce students to the world of work by giving them the opportunity to "job shadow" at various local schools/businesses/government entities/etc. Students choose a work site based on their interest, and then spend time daily at that site with the goal of improving their understanding of that career. Internship I will typically take place during 1st period. Internship II will typically take place during 2nd period. Students will have regular drop-in's by a teacher and have other requirements to meet such as time cards, skills videos, assignments, etc.

*\*With instructor approval, students may take internship for more than one class period.*

*\*Internship may be repeated for credit multiple times during 12th grade.*

*\*Only 12th grade students are allowed to "pre-register" for this course.*

## **WOOD0900 Wood Working**

Prerequisite: none

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course is an introduction to the trade of woodworking. Students will learn the names and functions of basic woodworking equipment. Students will learn how to safely use tools, as well as how to properly care for and maintain those same tools. Students will complete a variety of projects that will help them learn to follow instructions involved in the process of step-by-step construction.”

*\*This course is for beginning students only.*

## **WOOD0910 Residential Construction I**

Prerequisite: None

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This is a basic course to introduce students to the construction fields. This course is designed to teach different areas in the construction process, such as: design, plan reading, site layout, construction safety, floor, wall and roof framing and exterior finish. Students will gain an understanding and a working knowledge of the construction field. This is a project based class where students spend the majority of their time hands on to reinforce their learning of industry standards.

## **WOOD1000 Residential Construction II**

Prerequisite: Residential Construction I

Course Sequence/Credit: This is a 1 Trimester course for .5 credits.

Course Description: This course follows up the construction skills that were introduced in Residential Construction I. Students will have the opportunity to improve their competence in a variety of construction areas including design, plan reading, site layout, construction safety, floor, wall and roof framing and exterior finish. Students will be expected to complete their OSHA 10 job safety training as a part of this course.

## **WOOD1100 Rough Framing**

Prerequisite: Residential Construction II and OSHA 10 certification

Course Sequence/Credits: This is a 1 Trimester course for 1.0 credits. Rough Framing is taught in a **2 period block**. Must be enrolled in both periods.

Course Description: This is a capstone course where students apply construction skills learned in the previous classes during the course of building a small residential structure. Students will learn more specific construction skills and perform construction skills e.g. layout, framing, hanging doors and windows, flashing windows, siding, and roofing. Students will also read blueprints, make plans, and lead other students. Students will also have the opportunity to take a NCCER certification exam. Students will also have the opportunity to be telehandler certified.

### **WOOD1200 Finish Carpentry**

Prerequisite: Residential Construction II, OSHA 10 certification

Course Sequence/Credit: This is a 1 Trimester course for 1.0 credits. Finish Carpentry is taught in a **2 period block**. Must be enrolled in both periods.

Course Description: This is a capstone course where students apply construction skills learned in the previous classes during the course of building a small residential structure. Students will learn more specific construction skills and perform construction skills e.g. layout, framing, hanging doors and windows, flashing windows, siding, and roofing. Students will also read blueprints, make plans, and lead other students. Students will also have the opportunity to take a NCCER certification exam. Students will also have the opportunity to be telehandler certified.