

Star Valley High School 2023-2024 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: Algebra I, Algebra II, Geometry with a C grade or better. Course Description: ACT Prep/Review will investigate and solve a variety of mathematical problems similar to those found on the ACT exam. The majority of problems will be from released items on the ACT. Offered for juniors and seniors planning on taking the ACT test. The December ACT will be the final for this class.

AGRI0900 Agriculture I

Prerequisite: None

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: None

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: None

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: None

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 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 Description: A basic art education class, either semester or year long. An introduction to drawing where drawing from life as well as creative and abstract drawings are studied in depth. Elements and principles of art are studied through drawings done in a variety of media including pencil, ink, and scratchboard. Elements and principles of art are studied through famous artists from Art History.

ARTS1000 Art II

Course Prerequisite: Art I

Course Description: An introduction to color theory and color use through painting in pastels, color pencil, logo design, and watercolor, painting techniques and advanced composition practices. Art History is studied using artists from history to learn color and color theory.

ARTS1001 Ceramics

Student does not have to take Art I or Art II Color before this class

Basic hand building and wheel thrown pottery techniques. Projects increase in difficulty each quarter. Basic firing and glazing techniques, including the history of ceramics.

ARTS1010 Art Exploration

Course Prerequisite: Art I & Art II

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 & II Color (Purchase of supplies required. Must have a B or higher to get into and stay in Advanced Art.)

An advanced art course, intended for art careers and/or special interest in art. An advanced art course, intended for students with a 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.

ARTS1210 Graphic Design

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

ARTS1220 Photography

Course Prerequisite: None but this class is for 12th Graders Only

Course Description: An introduction to digital still photography with emphasis on composition, quality, and themes. The class also works with computer programs such as Photos, Photoshop, Lightroom, Pixalimator, and the Great Photo App.

ARTS1300-A AP Art A

AP Studio Art is a year long very rigorous class that gives students the opportunity to earn college credit if willing to put in the time and effort on a college level. The AP Studio Art portfolio is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The cost to submit the portfolio is approximately \$100. 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.

ARTS1300-B AP Art B

AP Studio Art is a year long very rigorous class that gives students the opportunity to earn college credit if willing to put in the time and effort on a college level. The AP Studio Art portfolio is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The cost to submit the portfolio is approximately \$100. 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."

ARTS1300-C AP Art C

AP Studio Art is a year long very rigorous class that gives students the opportunity to earn college credit if willing to put in the time and effort on a college level. The AP Studio Art portfolio is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The cost to submit the portfolio is approximately \$100. 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.

AUTO0901 Basic Auto Maintenance

Course Prerequisites: None

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 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 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 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 Electrical I

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: Auto Mechanics I & II

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 & II

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.

BUSI0900 Technology Fundamentals

Course Prerequisite: None

Course Description: This course introduces students to the main components of computer and digital literacy including Keyboarding, Computer Essentials, Online Essentials and Google Applications. It provides an introduction to the computer and the convergence of technology as used in today's global environment. The course is designed to introduce topics including

computer hardware and software, file management, the Internet, e-mail, cloud-based applications, security, and digital citizenship. It will prepare students for learning and working in the 21st century through communication and collaboration tools. Real world student-centered activities will strengthen student's technology skills in the continually changing online Google community.

Course included in the following pathways: Money Management & Finance, Business Information Technology and Business Management

BUSI0922 Microsoft Office

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. Students can earn three college credits from Western Wyoming. (College Credit for ages 16+)

BUSI1000 Microsoft Certifications

Course Prerequisite: Microsoft Office

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.

BUSI1001 Starting your own Business

Course Prerequisite: None

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.

Course included in the following pathways: Money Management & Finance and Business Management

CHEM1100-A Chemistry A

Prerequisite: Must have taken Algebra II & Physical Science (10th graders- With instructors approval)

Course Description: This is the first of a two-part class with emphasis as a college preparatory course. In semester one we study 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.

Learning Outcomes:

1. Be able to distinguish chemical and physical changes and properties.
2. Be able to explain matter in terms of the kinetic molecular theory.
3. Be able to describe the basics of our modern atomic theory, its origin and main ideas.
4. Be able to describe the general ideas of electron arrangement in atoms.

CHEM1100-B Chemistry B

Prerequisite: Must have taken Algebra II & Physical Science (10th graders- With instructors approval). Must have successfully completed first semester chemistry.

Course Description: This is the second of a two-part class with emphasis as a college preparatory course. In semester two we study trends and patterns of the periodic table, ionic bonding, covalent bonding, writing formulas and naming chemical compounds, describing chemical reactions using balanced chemical equations.

Learning Outcomes:

1. Students will be able to identify patterns on the periodic table that are based on electron configuration.
2. Students will be able to explain ionic bonding and its processes.
3. Students will be able to explain covalent bonding and its process.
4. Students will be able to name and write chemical formulas for ionic compound, covalent compounds, and some acids/bases.
5. Students will be able to write and balance simple chemical equations.
6. Students will be able to do simple stoichiometry problems.

CSIT0910 Computer Science I, II, III, IV

The Computer Science 1, 2, 3, and 4 courses are self-paced courses designed to provide students with the opportunity to pursue their interests and develop their skills in a variety of subject areas. With four subject areas to choose from, students can select the path that best aligns with their career goals and interests.

The subject areas include:

- 3D Game Development with Unity,
- Cybersecurity and Networking,
- Programming with Python,
- Full Stack Web Development,

Students will work towards a certification in their chosen subject area, which will demonstrate their proficiency and knowledge in that field. Additionally, students have the option to mix and match certifications from different paths, providing them with a comprehensive and

well-rounded education. Whether you are just starting out or looking to expand your skillset, this course provides students with the flexibility and resources they need to succeed in the rapidly-evolving field of computer science.

This course can be taken multiple times and is broken down into four-parts (CSIT0910, CSIT1010, CSIT1110, CSIT1210).

CULA0900 Foods

Prerequisite: None

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.

Course Learning Outcomes:

1. Getting organized and started in the kitchen.
2. Measurements, equivalents, kitchen math, and budgeting.
3. Use of technology and equipment.
4. Making Cookies, cakes, candy, and pastry.
5. Using grains to make yeast breads and quick breads.
6. Using Eggs and Dairy.
7. Using Fruits and Vegetables.
8. Making Meats and Main Dishes.
9. Preparing simple meals featuring cuisines from America and around the world.

Course included in the following pathways: Foods

CULA1000 Culinary Arts I

Prerequisite: Foods

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.

Course Learning Outcomes:

1. Have the opportunity to learn and practice safety and sanitation procedures.
2. Receive the Servsafe Food Handler's Certification.

3. Use and maintain commercial food service equipment.
4. Experience in hosting will also be a major portion of the class.
5. Perform quantity food preparation as it relates to catering, bakery, restaurant, and hospitality.
6. We will have the opportunity to present hospitality rooms during sports invitations throughout the year. Attendance at these events is mandatory.

Course included in the following pathways: Foods

CULA1100 Culinary Arts II

Prerequisite: Completion of Culinary I

Course Description: Students will continue to develop skills for the restaurant and hospitality industry and lodging fields.

Course Learning Outcomes:

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 sports invitations throughout the year. Attendance at these events is mandatory.

ENGL0900-A English I A

Course Prerequisites: None

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.

Course Learning Outcomes:

1. Independently read and demonstrate comprehension using a variety of close-reading strategies

2. Analyze development of theme, plot, character, and story elements in short stories and allegorical literature as well as authors' central ideas, purposes, and rhetoric in informational texts.
3. Demonstrate understanding of figurative language.
4. Write narratives using effective and purposeful technique.
5. Write informational texts that analyze themes and central ideas of a text.
6. Apply conventions of standard English, including capitalization, punctuation, grammar, and spelling to writing.
7. Initiate and participate effectively in a range of collaborative discussions, building on others' ideas and expressing their own clearly and persuasively.

ENGL0900-AOL English I A (Online)

Course Prerequisite: None

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.

Learning Goal Outcomes:

1. To read and demonstrate comprehension in a variety of ways
2. To review and apply grammar and mechanics
3. To implement the writing process using the Six Traits of Writing To acquire library and research skills
4. To use effective oral skills in discussing literature
5. To write an essay comparing and contrasting heroes.
6. To trace the development of themes, characters, or literary elements /devices
7. To connect literature with current issues"

ENGL0900-B English I B

Course Prerequisites: English I - A

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 and listening skills.

Course Learning Outcomes:

1. Independently read and demonstrate comprehension using a variety of close-reading strategies
2. Analyze development of literary elements in drama and poetry as well as an author's central ideas, purposes, and rhetoric in informational texts
3. Evaluate arguments by assessing reasoning and evidence.
4. Write arguments which support claims using valid reasoning and relevant and sufficient evidence
5. Write informational texts to examine and convey complex concepts
6. Conduct research and integrate information from multiple authoritative sources
7. Produce writing that is appropriate to task, purpose, and audience.
8. Demonstrate command of the conventions of standard English, including grammar and usage when writing and speaking as well as command of capitalization, punctuation, and spelling when writing.
9. Present information, findings, and supporting evidence clearly and logically for the listeners while maintaining appropriateness for purpose, audience, task.

ENGL0900-BOL English I B (Online)

Prerequisite: English I A

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.

Learning Goal Outcomes:

1. To read and demonstrate comprehension in a variety of ways
2. To review and apply grammar and mechanics
3. To implement the writing process using the Six Traits of Writing
4. To acquire library and research skills
5. To use effective oral skills in discussing literature

6. To trace the development of themes, characters, or literary elements /devices
7. To connect literature with current issues

ENGL0910-A Acc English I A

Prerequisite: Cumulative GPA of 3.25 Cumulative or an A average in English.

First Semester: (IA)

- To introduce intermediate grammar and usage skills
- To implement advanced thinking skills in the writing process
- To acquire library and research skills To write compare/contrast, persuasive, and expository essays.
- To trace in depth the development of themes, characters or literary elements/devices in literature To connect literature with current issues
- To analyze the author's development of a literary theme or use of a literary device in an appropriate essay form
- To recognize the cultural influences that has changed fundamental values such as heroism

ENGL0910-B Acc English I B

Prerequisite: Cumulative GPA of 3.25 Cumulative or an A average in English.

Second Semester: (IB)

- To develop advanced punctuation and usage skills
- To develop literature-based expository and personal writing skills
- To evaluate the author's purpose, techniques and effectiveness
- To use inferences to discover meaning
- To write a well-crafted short story with conflict, character development, setting and theme
- To integrate concepts and ideas to enhance oral and written expression

ENGL0920-A English I Intensive A

BY COUNSELOR PLACEMENT ONLY - PAIRED WITH LITERACY I - A

Course Prerequisites: None

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. This course is paired with the Literacy I course, and upon completion of the course, will receive 0.5 English credits for meeting the basic requirements for the first of eight English courses necessary to graduate.

Course Learning Outcomes:

1. Independently read and demonstrate comprehension using a variety of close-reading strategies
2. Analyze development of theme, plot, character, and story elements in short stories and allegorical literature as well as authors' central ideas, purposes, and rhetoric in informational texts.
3. Demonstrate understanding of figurative language.
4. Write narratives using effective and purposeful technique.
5. Write informational texts that analyze themes and central ideas of a text.
6. Apply conventions of standard English, including capitalization, punctuation, grammar, and spelling to writing.
7. Initiate and participate effectively in a range of collaborative discussions, building on others' ideas and expressing their own clearly and persuasively.

ENGL0920-B English I Intensive B

BY COUNSELOR PLACEMENT ONLY - PAIRED WITH LITERACY I - B

Course Prerequisites: English I - A

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 and listening skills. This course is paired with the Literacy I - B course, and upon completion of the course, will receive 0.5 English credits for meeting the basic requirements for the second of eight English courses necessary to graduate.

Course Learning Outcomes:

1. Independently read and demonstrate comprehension using a variety of close-reading strategies

2. Analyze development of literary elements in drama and poetry as well as an author's central ideas, purposes, and rhetoric in informational texts
3. Evaluate arguments by assessing reasoning and evidence.
4. Write arguments which support claims using valid reasoning and relevant and sufficient evidence
5. Write informational texts to examine and convey complex concepts
6. Conduct research and integrate information from multiple authoritative sources
7. Produce writing that is appropriate to task, purpose, and audience.
8. Demonstrate command of the conventions of standard English, including grammar and usage when writing and speaking as well as command of capitalization, punctuation, and spelling when writing.
9. Present information, findings, and supporting evidence clearly and logically for the listeners while maintaining appropriateness for purpose, audience, task.

ENGL1000-A English II A

Course Prerequisites: English I

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.

Learning Goal Outcomes:

1. To review, refine, and implement basic writing conventions.
2. To recognize and respond to literary elements, human values, and cultural significance of drama and the novel.
3. To develop communication skills through an oral interpretation of a dramatic piece.
4. To develop communication skills through a literature-based oral presentation.
5. To make and support a claim using research, organization, and logic.
6. To speak and listen through a variety of activities.
7. To develop and implement writing skills using effective sentence structure and fluency.
8. To read and respond to literature on a literal, figurative, and personal level.
9. To implement the Six Traits of Writing in a personal narrative.
10. To implement imagery and figurative language in poetry and prose.

11. To speak and listen through a variety of means.

ENGL1000-AOL English II A (Online)

Course Prerequisites: English I

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.

Learning Goal Outcomes:

1. To review, refine, and implement basic writing conventions.
2. To recognize and respond to literary elements, human values, and cultural significance of drama and the novel.
3. To develop communication skills through an oral interpretation of a dramatic piece.
4. To develop communication skills through a literature-based oral presentation.
5. To make and support a claim using research, organization, and logic.
6. To speak and listen through a variety of activities.
7. To develop and implement writing skills using effective sentence structure and fluency.
8. To read and respond to literature on a literal, figurative, and personal level.
9. To implement the Six Traits of Writing in a personal narrative.
10. To implement imagery and figurative language in poetry and prose.
11. To speak and listen through a variety of means.

ENGL1000-B English II B

Prerequisite: English II A

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, explanatory and argumentative writing, and standard English language usage.

Learning Goal Outcomes:

1. To review, refine, and implement basic writing conventions
2. To recognize and respond to literary elements, human values, and cultural significance of drama and the novel

3. To develop communication skills through an oral interpretation of a dramatic piece
4. To develop communication skills through a literature-based oral presentation
5. To make and support a claim using research, organization, and logic
6. To speak and listen through a variety of activities

ENGL1000-BOL English II B (Online)

Prerequisite: English II A

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.

Learning Goal Outcomes:

1. To review, refine, and implement basic writing conventions
2. To recognize and respond to literary elements, human values, and cultural significance of drama and the novel
3. To develop communication skills through an oral interpretation of a dramatic piece
4. To develop communication skills through a literature-based oral presentation
5. To make and support a claim using research, organization, and logic
6. To speak and listen through a variety of activities

ENGL1010-A Acc English II A

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

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.

Learning Goal Outcomes:

1. To review, refine, and implement basic writing conventions.
2. To recognize and respond to literary elements, human values, and cultural significance of drama and the novel.
3. To develop communication skills through an oral interpretation of a dramatic piece.
4. To develop communication skills through a literature-based oral presentation.

5. To make and support a claim using research, organization, and logic.
6. To speak and listen through a variety of activities.
7. To develop and implement writing skills using effective sentence structure and fluency.
8. To read and respond to literature on a literal, figurative, and personal level.
9. To implement the Six Traits of Writing in a personal narrative.
10. To implement imagery and figurative language in poetry and prose.
11. To speak and listen through a variety of means.

ENGL1010-B Acc English II B

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

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.

Learning Goal Outcomes:

1. To review, refine, and implement basic writing conventions.
2. To recognize and respond to literary elements, human values, and cultural significance of drama and the novel.
3. To develop communication skills through an oral interpretation of a dramatic piece.
4. To develop communication skills through a literature-based oral presentation.
5. To make and support a claim using research, organization, and logic.
6. To speak and listen through a variety of activities.
7. To develop and implement writing skills using effective sentence structure and fluency.
8. To read and respond to literature on a literal, figurative, and personal level.
9. To implement the Six Traits of Writing in a personal narrative.
10. To implement imagery and figurative language in poetry and prose.
11. To speak and listen through a variety of means.

ENGL1100-A English III A

Prerequisite: English II A & B

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.

Learning Goal Outcomes:

1. To refine advanced writing skills through complex sentence structure, depth of content, word and mechanical accuracy.
2. To respond to the historical, social, and cultural significance of American literature.
3. To discover and respond to the historical, social, and cultural significance of American Literature.
4. To generate, structure, and support a proposal through essay and persuasion.
5. To demonstrate proper writing techniques and expand verbal and written language skills special emphasis will be placed on advanced writing and grammar skills.

ENGL1100-AOL English III A (Online)

Prerequisite: English II

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.

Learning Goal Description:

1. To refine advanced writing skills through complex sentence structure, depth of content, word and mechanical accuracy.
2. To respond to the historical, social, and cultural significance of American literature.
3. To discover and respond to the historical, social, and cultural significance of American Literature.
4. To generate, structure, and support a proposal through essay and persuasion.
5. To demonstrate proper writing techniques and expand verbal and written language skills Special emphasis will be placed on advanced writing skills.

ENGL1100-B English III B

Prerequisite: English II A & B

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.

Learning Goal Outcomes:

1. To refine advanced writing skills through complex sentence structure, depth of content, word and mechanical accuracy.
2. To respond to the historical, social, and cultural significance of American literature.
3. To discover and respond to the historical, social, and cultural significance of American Literature.
4. To generate, structure, and support a proposal through essay and persuasion.
5. To demonstrate proper writing techniques and expand verbal and written language skills special emphasis will be placed on advanced writing and grammar skills.

ENGL1100-BOL English III B (Online)

Prerequisite: English III A

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.

Learning Goal Outcomes:

1. To refine advanced writing skills through complex sentence structure, depth of content, word and mechanical accuracy.
2. To respond to the historical, social, and cultural significance of American literature.
3. To discover and respond to the historical, social, and cultural significance of American Literature.
4. To generate, structure, and support a proposal through essay and persuasion.
5. To demonstrate proper writing techniques and expand verbal and written language skills special emphasis will be placed on advanced writing and grammar skills.

ENGL1110-A Honors English III A

Prerequisite: Cumulative GPA 3.25 or A average in English I & II

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.

Learning Goal Outcomes:

1. To refine advanced writing skills through complex sentence structure, depth of content, word and mechanical accuracy.
2. To respond to the historical, social, and cultural significance of American literature.
3. To discover and respond to the historical, social, and cultural significance of American Literature.
4. To generate, structure, and support a proposal through essay and persuasion.
5. To demonstrate proper writing techniques and expand verbal and written language skills special emphasis will be placed on advanced writing and grammar skills.

ENGL1110-B Honors English III B

Prerequisite: Cumulative GPA 3.25 or A average in English I-II

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.

Learning Goal Outcomes:

1. To refine advanced writing skills through complex sentence structure, depth of content, word and mechanical accuracy.
2. To respond to the historical, social, and cultural significance of American literature.
3. To discover and respond to the historical, social, and cultural significance of American Literature.
4. To generate, structure, and support a proposal through essay and persuasion.
5. To demonstrate proper writing techniques and expand verbal and written language skills special emphasis will be placed on advanced writing and grammar skills.

ENGL1200-A English IV A

Prerequisite: English III A & B

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.

Learning Goal Outcomes:

1. To explore the major facets of several of the world's most popular genres, from early lit to Romanticism.
2. To become familiar with the elements that characterize these genres.
3. To look at the ways in which the types of literature overlap and come together.
4. To serve as a forum for student writers to produce and share their own research writing based on student choice.

ENGL1200-AOL English IV A (Online)

Prerequisite: English III A

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.

Learning Goal Outcomes:

1. To explore the major facets of several of the world's most popular genres, from Science Fiction to Western Lit to Romanticism.
2. To become familiar with the elements that characterize these genres.
3. To look at the ways in which the types of literature overlap and come together.
4. To serve as a forum for student writers to produce and share their own creative writing in the style of one of the genres studied.

ENGL1200-B English IV B

Prerequisite: English IV A

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.

Learning Goal Outcomes:

1. To explore the major facets of several of the world's most popular genres, from Romanticism to Modern literature.
2. To become familiar with the elements that characterize these genres.
3. To look at the ways in which the types of literature overlap and come together.
4. To serve as a forum for student writers to produce and share their own creative writing in the style of one of the genres studied.
5. To prepare and present a senior footprint through oral presentation with digital components.

ENGL1200-BOL English IV B (Online)

Prerequisite: English IV A

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.

Learning Goal Outcomes:

1. To explore the major facets of several of the world's most popular genres, from Science Fiction to Western Lit to Romanticism.
2. To become familiar with the elements that characterize these genres.
3. To look at the ways in which the types of literature overlap and come together.
4. To serve as a forum for student writers to produce and share their own creative writing in the style of one of the genres studied.

ENGL1210 English IV Oral Comms

Prerequisite: English III A & B

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.

Learning Goal Outcomes:

1. To explore the major facets of several of the world's most popular genres, from early lit to Romanticism.
2. To become familiar with the elements that characterize these genres.
3. To look at the ways in which the types of literature overlap and come together.
4. To serve as a forum for student writers to produce and share their own research writing based on student choice.

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

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.

Learning Goal Outcomes:

- Communicate Competently
- Retrieve and Evaluate Information
- See Issues from Multiple Perspectives
- Think Critically, Analyze, and Solve Problems
- Develop Life Skills

ENGL1300-B English IV - HONORS B

Prerequisite: Students must have passed ENGL 1010 with a C or above. Word-processing skills and general computer skills are a necessity for this course.

Course Description: A continuation of English Composition I, this course emphasizes writing, research, and analytical reading.

Learning Goal Outcomes:

- Communicate Competently
- Retrieve and Evaluate Information
- See Issues from Multiple Perspectives
- Think Critically, Analyze, and Solve Problems
- Develop Life Skills

ENGR0910 Architectural Design

Prerequisite: None

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 Revit 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:

- History of architecture
- Different architectural styles
- Residential architecture
- Blueprint reading

ENGR0920 Intro to Robotics & Drones

Prerequisite: None

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. Afterwards, students will learn how to control the robot and drone by using a remote control and improve their driving skills.

Major Concepts Covered:

- Programming
- Clawbot
- Competition

- Drone Programming
- Drone autonomous
- Drone manual flight

ENGR1010 Intro to CAD

Prerequisite: None

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.

Major Concepts Covered:

- Blueprint reading
- AutoCAD
- Fusion 360

ENGR1310 Product Design

Prerequisite: Intro to CAD

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.

Major Concepts Covered:

- 3D Printing
- Onshape, Inventor, Fusion Software
- Laser Engraver
- CorelDraw
- Simple Machines
- Projects

EXTN0900-1 Science Extension S1

Requires permission before registration

Extension Physical Science is a class that helps support the general Physical Science class. The class offers re-teaching the concepts presented in the general class, assisting with assignments, and pre-teaching the lessons to come. This class is taught by a Special Education teacher and is individualized to the student's needs

EXTN0900-2 Science Extension S2

Requires permission before registration

Extension Physical Science is a class that helps support the general Physical Science class. The class offers re-teaching the concepts presented in the general class, assisting with assignments, and pre-teaching the lessons to come. This class is taught by a Special Education teacher and is individualized to the student's needs

EXTN0910-A Literacy Lab I A

BY COUNSELOR PLACEMENT ONLY - PAIRED WITH ENGLISH I INTENSIVE - A

Prerequisite: None

Course Description: This course is paired with the English Intensive course. It is designed for students who need intensive instruction and extra time for reading and writing skills practice.

This program includes instruction in these language arts areas: reading literature, informational reading, writing, language usage, and speaking and listening skills with additional emphasis on vocabulary development, reading comprehension, decoding, and fluency skills. Students receive .5 elective credit for completion of this course.

Course Learning Outcomes:

1. Independently read and demonstrate comprehension using a variety of close-reading strategies

2. Analyze development of theme, plot, character, and story elements in short stories and allegorical literature as well as authors' central ideas, purposes, and rhetoric in informational texts.
3. Demonstrate understanding of figurative language.
4. Write narratives using effective and purposeful technique.
5. Write informational texts that analyze themes and central ideas of a text.
6. Apply conventions of standard English, including punctuation, grammar, and mechanics to writing.
7. Initiate and participate effectively in a range of collaborative discussions, building on others' ideas and expressing their own clearly and persuasively.

EXTN0910-B Literacy Lab I B

BY COUNSELOR PLACEMENT ONLY - PAIRED WITH ENGLISH I INTENSIVE - B

Prerequisite: English I - A

Course Description: This course is paired with the English Intensive course. It is designed for students who need intensive instruction and extra time for reading and writing skills practice.

This program includes instruction in these language arts areas: reading literature, informational reading, writing, language usage, and speaking and listening skills with additional emphasis on vocabulary development, reading comprehension, decoding, and fluency skills. Students receive .5 elective credit for completion of this course.

Course Learning Outcomes:

1. Independently read and demonstrate comprehension using a variety of close-reading strategies
2. Analyze development of literary elements in drama and poetry as well as an author's central ideas, purposes, and rhetoric in informational texts
3. Evaluate arguments by assessing reasoning and evidence.
4. Write arguments which support claims using valid reasoning and relevant and sufficient evidence
5. Write informational texts to examine and convey complex concepts
6. Conduct research and integrate information from multiple authoritative sources
7. Produce writing that is appropriate to task, purpose, and audience.

8. Demonstrate command of the conventions of standard English, including grammar and usage when writing and speaking as well as command of capitalization, punctuation, and spelling when writing.

9. Present information, findings, and supporting evidence clearly and logically for the listeners while maintaining appropriateness for purpose, audience, task.

EXTN10-1 Biology Extension S1

Biology Extension Semester 1

EXTN10-2 Biology Extension S2

Biology Extension Semester 2

EXTN11-1 English III Extension S1

Course Prerequisite: Requires permission before registration

Extension English III/AH is a class that helps support the general English III and American History classes. The class offers re-teaching the concepts presented in the general class, assisting with assignments, and pre-teaching the lessons to come. This class is taught by Special Education teachers and is individualized to the student's needs.

EXTN11-2 English III Extension S2

Course Prerequisite: Requires permission before registration

Extension English III/AH is a class that helps support the general English III and American History classes. The class offers re-teaching the concepts presented in the general class, assisting with assignments, and pre-teaching the lessons to come. This class is taught by Special Education teachers and is individualized to the student's needs.

EXTN12-1 English IV Extension S1

Requires permission before registration

Extension English IV is a class that helps support the general English IV class. The class offers re-teaching the concepts presented in the general class, assisting with assignments, and pre-teaching the lessons to come. This class is taught by a Special Education teacher and is individualized to the student's needs.

EXTN12-2 English IV Extension S2

Requires permission before registration

Extension English IV is a class that helps support the general English IV class. The class offers re-teaching the concepts presented in the general class, assisting with assignments, and pre-teaching the lessons to come. This class is taught by a Special Education teacher and is individualized to the student's needs.

FINC0900 Certified Bookkeeping I

Course Prerequisite: None

Course Description: Accounting is the language of business. After completing coursework spanning two trimesters, students will have the opportunity to gain the knowledge and skills necessary to successfully certify as a bookkeeper through Intuit's Professional Bookkeeping Program. This certification would serve as a strong resume builder for those seeking work in an entry-level bookkeeping position. Throughout the course, students will be exposed to the fundamental aspects of bookkeeping, Quickbooks (the #1 rated small business accounting software), and real world accounting scenarios. 2 Trimester Course (part 1)

FINC0910 Personal Finance

Prerequisite: None

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, keeping a checking account including on-line banking and debit cards, credit and credit cards, assets vs liabilities and much more. As students begin to make their own money, this class will give them the knowledge of what to do with it in

order to prepare for the financial future. Course included in the following pathways: Money Management & Finance

FINC1000 Certified Bookkeeping II

Course Prerequisite: Certified Bookkeeping I

Course Description: Accounting is the language of business. After completing coursework spanning two trimesters, students will have the opportunity to gain the knowledge and skills necessary to successfully certify as a bookkeeper through Intuit's Professional Bookkeeping Program. This certification would serve as a strong resume builder for those seeking work in an entry-level bookkeeping position. Throughout the course, students will be exposed to the fundamental aspects of bookkeeping, Quickbooks (the #1 rated small business accounting software), and real world accounting scenarios. 2 Trimester Course (part 2)

FINC1120 Millionaire Club

Prerequisite: Personal Finance

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 and home and the credit industry. Guest speakers on car insurance, renting contracts, banking smart and safe, and investing. This course can help prepare students better for the next level as they begin their own financial journey.

Course included in the following pathways: Money Management & Finance

FLAN0900-A Spanish I A

Prerequisites: None

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: None

Introduction to the Spanish Language and culture with a focus on developing communication skills about high-interest, high-utility situations. Online offering through Star Valley Virtual School.

FLAN0900-B Spanish I B

Prerequisite: none

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)

Introduction to the Spanish Language and culture with a focus on developing communication skills about high-interest, high-utility situations. Online offering through Star Valley Virtual School.

FLAN0920 English Second Language

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

FLAN0930-A ASL I A

Prerequisite: none

Course Description: American sign Language (ASL) is used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a basic level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN0930-AOL ASL I A (Online)

Prerequisite: none

Course Description: American sign Language (ASL) is used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a basic level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN0930-B ASL I B

Prerequisite: ASL I A

Course Description: American sign Language (ASL) is the language used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a basic level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN0930-BOL ASL I B (Online)

Prerequisite: ASL I A

Course Description: American sign Language (ASL) is the language used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a basic level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN1000-A ASL II A

Prerequisite: ASL I A and ASL I B

Course Description: American sign Language (ASL) is the language used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a intermediate low level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN1000-AOL ASL II A (Online)

Prerequisite: ASL I A and ASL I B

Course Description: American sign Language (ASL) is the language used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a intermediate low level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN1000-B ASL II B

Prerequisite: ASL I A, ASL I B, and ASL II A

Course Description: American sign Language (ASL) is the language used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a intermediate low level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN1000-BOL ASL II B (Online)

Prerequisite: ASL I A, ASL I B, and ASL II A

Course Description: American sign Language (ASL) is the language used with in the deaf community. This course will introduce students to basic expressive and receptive skills in American Sign Language (ASL). Learning Outcomes: Students will build their vocabulary, conversation strategies, use of space, role shifting, body language, facial expressions, finger spelling other linguistic features as well as continue to study deaf culture. Students who complete this course should be able to sign at a intermediate low level with signs learned in class, along with having an awareness of deaf culture. (Hathaway Approved)

FLAN1010-B ASL Interpreting Music B

Prerequisite: none

Course Description: American Sign Language (ASL) is the language that is used within the Deaf Community. This course will introduce students to a new song every week. Learning Outcomes: Students will learn the vocabulary for each song, as well as the appropriate facial expressions, body language and include the non-manual markers. Students will also learn how to correctly use their space to set up each song to create the picture in ASL. Students will learn how to role shift to make their signing more understandable for the deaf community. This is a fun class for anyone that enjoys music and wants to work on improving their signing skills.

FLAN1030-A Spanish II A

Prerequisites: Spanish I A continuation of Spanish, vocabulary, and expanding ability and exposure to Spanish.

FLAN1030-AOL Spanish II A (Online)

Prerequisites: Spanish I A continuation of Spanish, vocabulary, and expanding ability and exposure to Spanish.

FLAN1030-B Spanish II B

Prerequisites: Spanish I A continuation of Spanish, vocabulary, and expanding ability and exposure to Spanish.

FLAN1030-BOL Spanish II B (Online)

Prerequisites: Spanish I A continuation of Spanish, vocabulary, and expanding ability and exposure to Spanish.

FLAN1100-A Spanish III A

Prerequisite: Spanish I & II 4 Concurrent College Credits

Continue skill development in Spanish. College credit course through WWCC, which currently uses Mosaico's including preterit, imperfect, future tenses.

FLAN1100-B Spanish III B

Prerequisite: Spanish I & II 4 Concurrent College Credits

Continue skill development in Spanish. College credit course through WWCC, which currently uses Mosaico's including preterit, imperfect, future tenses.

FLAN1200-A Spanish IV A

Prerequisite: Spanish III

Description: NA

FLAN1200-B Spanish IV B

Prerequisite: Spanish III

Description: NA

GMED0910 Film Appreciation

Prerequisites: None

Course Description: This course 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.

Learning Goal Outcomes:

1. Analyze film through written response.
2. Demonstrate a basic knowledge of film history, form, and genre.
3. Describe the collaborative nature of cinema and the many jobs required to develop a motion picture.
4. Discuss/Describe the relationship of cinema to society as it relates to his/her perspective.

GMED0930 Media Productions

Prerequisite: Teacher recommendation

Course Description: There are a lot of different reasons to take media production. Maybe you want to learn how to make your own videos or start your own blog. Or maybe you're just looking for a way to express yourself creatively. No matter what your reason is, media production can be a great way to improve your skills and expand your horizons.

Course Objective and Learning Outcomes: Students learn the basics of media production using the media tools of document design software, photography, film, video, audio production, and interactive media. Students apply these fundamentals by participating in hands-on individual and group projects.

HEPE0900 Physical Education

Prerequisite: None

Course Description: Physical Fitness Class emphasis is on physical conditioning and knowing how muscles are worked, stretched and conditioned through exercise and fitness games. This course applies the principles, practices, and the importance of lifelong fitness. Students will

participate in fitness evaluations to determine fitness goals and participate in a variety of activities to promote overall fitness and health. Its content will consist of but not limited to the Physical Fitness Test, Crossfit, Circuit training, Group Fitness activities (i.e. Zumba, Yoga, High Fitness), conditioning games, and gaining knowledge of wellness, fitness and lifestyle management.

Course Learning Objective:

1. I can demonstrate competence in a variety of motor skills and movement patterns.
2. I can use the concepts and strategies I have learned in movement and performance.
3. I can demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.
4. I can exhibit responsible personal and social behavior that respects myself, others, and the environment.
5. I can recognize the importance of physical activity and its impact on wellness, including physical, mental, and emotional health; enjoyment; challenge; self-expression; learning readiness; and social interaction.

HEPE0900-OL Physical Education (Online)

Prerequisite: None

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.

Course Learning Objective:

1. I can demonstrate competence in a variety of motor skills and movement patterns.
2. I can use the concepts and strategies I have learned in movement and performance.
3. I can demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.
4. I can exhibit responsible personal and social behavior that respects myself, others, and the environment.

5. I can recognize the importance of physical activity and its impact on wellness, including physical, mental, and emotional health; enjoyment; challenge; self-expression; learning readiness; and social interaction.

HEPE0910 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 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.

Course Learning Objectives:

1. I comprehend concepts related to health promotion and disease prevention to enhance health.
2. I analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
3. I can access valid information and products and services to enhance health.
4. I use interpersonal communication skills to enhance health and avoid or reduce health risks.
5. I use decision-making skills to enhance health.
6. I use goal-setting skills to enhance health.
7. I practice health-enhancing behaviors and avoid or reduce health risks.
8. I advocate for personal, family, and community health.

HEPE0910-OL Health (Online)

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.

Course Learning Objectives:

1. I comprehend concepts related to health promotion and disease prevention to enhance health.
2. I analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
3. I can access valid information and products and services to enhance health.
4. I use interpersonal communication skills to enhance health and avoid or reduce health risks.
5. I use decision-making skills to enhance health.
6. I use goal-setting skills to enhance health.
7. I practice health-enhancing behaviors and avoid or reduce health risks.
8. I advocate for personal, family, and community health.

HEPE0922 Fitness for Life

Prerequisite: None

Course Description: Competitive Sports This class is designed for students interested in learning skills and strategies of team sports. This course will include daily skill instruction and implementation of those skills into a competitive game setting. Sports may include, but are not limited to: basketball, flag football, soccer, ultimate frisbee, pickleball, badminton, and volleyball. This course will also include daily cardiovascular fitness and conditioning specific to the sport they are focusing on.

Course Learning Objective:

1. I can demonstrate competence in a variety of motor skills and movement patterns.
2. I can use the concepts and strategies I have learned in movement and performance.
3. I can demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.
4. I can exhibit responsible personal and social behavior that respects myself, others, and the environment.

5. I can recognize the importance of physical activity and its impact on wellness, including physical, mental, and emotional health; enjoyment; challenge; self-expression; learning readiness; and social interaction.

HEPE0923 Individual Sports

Course Description: Class emphasis is on gaining a basic knowledge of individual sports, fitness and lifetime activities. Sports and activities include, but are not limited to, badminton, dance, golf, tennis, track & field, walking/jogging, table tennis, disc golf, handball, pickleball, and gymnastics. 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.

Course Objective: Individual/Dual Sports class will provide students with a formal introduction to individual and dual sport activities, which will lead to lifelong programs of physical fitness. The focus of this course offering will be to provide participants with the knowledge and skills essential to selecting and implementing activities, which will insure long-term wellness. Individual and group activities will be incorporated into a seamless program of involvement which will have as their goals outcomes that have application throughout students' entire lives.

HEPE0940 Cheer/Dance S1, S2, S3

Students will practice and learn cheerleading and dancing principles. For student's in the Dance and Cheer activities.

HEPE0941 Social Dance

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 students will also cover dance history and explore basic choreography. Emphasis will be placed on technique, movement skills, knowledge, history, and aesthetics of each dance style, while also learning components of health-related fitness. The dance class strives to promote a lifelong interest in both dance and physical fitness.

Course Objectives:

- ★ To develop and maintain a positive self-image.
- ★ To learn different origins and history of dances.
- ★ To gain understanding and develop appreciation of dance through reflection on dances of various styles experienced as participation and audience.
- ★ To provide enjoyment and understanding of health-related fitness.
- ★ To create dances in order to express personal ideas and feelings.
- ★ To have fun while learning a lifetime activity.

HEPE1100 Team Sports

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.

HEPE1110 Walking for Fitness

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.

HEPE1120 Crossfit

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. This course will increase work capacity across broad time and modal domains.

Course Objectives:

- Students will optimize physical competence in each of the ten recognized fitness domains: cardiovascular and respiratory endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance and accuracy.
- Students will demonstrate competency in CrossFit’s “9 Foundational Movements”: squat, front squat, overhead squat, deadlift, sumo-deadlift high pull, shoulder press, push press, push jerk and medicine ball clean.
- Students will be able to identify and perform Olympic Lifts: clean & jerk and snatch.
- Student will track and recognize progression through the use of a daily log book/journal

HEPE1130 Weight Training

This course is designed to assist students in discovering the value and benefits of strength training and introduce them to the skills and techniques of weight lifting. The goal is to develop personal strength levels and get students ready to go out develop and maintain their own personal fitness.

Course Objectives:

- Students will optimize physical competence in each of the ten recognized fitness domains: cardiovascular and respiratory endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance and accuracy.
- Students will demonstrate competency in the Core lifts- Bench, Squat, and Cleans
- Students will establish a baseline strength level and work to increase their own strength
- Students will learn basic weight training terms and what muscles are worked with specific lifts

HEPE1131 Women's Weights

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.

Class Objectives:

Students will be able to:

- Perform various strength training exercise with proper form.
- Demonstrate correct biomechanical technique while performing all exercises to enhance muscle growth and prevent injury.
- Apply correct safety/spotting techniques in the weight room.

- Demonstrate and apply principles of overload, progression, and specificity in strength training.

HEPE1140 Sports Conditioning

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. This course will increase work capacity across broad time and modal domains.

Course Objectives:

- Students will optimize physical competence in each of the ten recognized fitness domains: cardiovascular and respiratory endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance and accuracy.
- Students will demonstrate competency in CrossFit’s “9 Foundational Movements”: squat, front squat, overhead squat, deadlift, sumo-deadlift high pull, shoulder press, push press, push jerk and medicine ball clean.
- Students will be able to identify and perform Olympic Lifts: clean & jerk and snatch.
- Student will track and recognize progression through the use of a daily log book/journal

HEPE1200 Fitness for Life

In this class students will understand and become aware of the components of physical fitness and dimensions of wellness. Plan their own nutrition and understand the proper use of nutrition in maximizing performance and longevity in their lives. They will also understand the benefits and significance of participating in a lifetime of fitness and wellness and different activities available that will help them achieve such fitness and wellness. PE I is a prerequisite for this class. This is an upper level PE class primarily for Juniors and Seniors.

HEPE1320 Lifetime Sports

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. Fee??

Course Objective: Lifetime Sports class will provide students with a formal introduction to those types of physical activities, which will lead to lifelong programs of physical fitness utilizing our natural resources. The focus of this course will be to provide participants with the knowledge and skills essential to selection and implementing activities, which will ensure long-term wellness.

HIST1000-A World History / Culture A

Prerequisites: None

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 1st Semester are Unit 1: Early Civilizations, Unit 2: World Religions, Unit 3: The Middle Ages & Great Global Convergence, Unit 4: The Renaissance & Enlightenment, Unit 5: 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)

Prerequisites: None 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 1st Semester are Unit 1: Early Civilizations, Unit 2: World Religions, Unit 3: The Middle Ages & Great Global Convergence, Unit 4: The Renaissance & Enlightenment, Unit 5: 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-B World History / Culture B

Prerequisites: None

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 2nd Semester are Unit 1: Imperialism, Unit 2: World War I, Unit 3: Causes & Effects of World War II, Unit 4: The Cold War & Associated Global Events, Unit 5: 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)

Prerequisites: None

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 2nd Semester are Unit 1: Imperialism, Unit 2: World War I, Unit 3: Causes & Effects of World War II, Unit 4: The Cold War & Associated Global Events, Unit 5: 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.

HIST1100-A American History A

Prerequisites: None.

This course is the fascinating story of people, events, and ideas that shaped the early United States and why these concepts matter now. This is the first course in a two-part United States History series (HIST1100-A, HIST1100-B).

HIST1100-AOL American History A (Online)

Prerequisites: None.

This course is the fascinating story of people, events, and ideas that shaped the early United States and why these concepts matter now. This is the first course in a two-part United States History series (HIST1100-A, HIST1100-B).

HIST1100-B American History B

Prerequisites: HIST1100-A

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. Each lesson includes an instructor-graded portfolio activity, which should be submitted together as a whole before requesting the final. This is the second course in a two-part United States History series (HIST1100-A, HIST1100-B).

HIST1100-BOL American History B (Online)

Prerequisites: HIST1100-A

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. Each lesson includes an instructor-graded portfolio activity, which should be submitted together as a whole before requesting the final. This is the second course in a two-part United States History series (HIST1100-A, HIST1100-B).

HIST1300-A American History - HONORS A

Prerequisite 3.25 Cum. GPA

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. If passed, students may earn 3 college credits. This course will be an intensive course of study that will encompass one semester. This equates to a college survey overview of American History from its discovery/founding through 1865. There is an \$85 fee for the administration of the AP test should a student choose to take it additionally, but this course does not use the AP curriculum and is taught through Western Wyoming Community College.

HIST1300-B American History - HONORS B

Prerequisite 3.25 Cum. GPA

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. If passed, students may earn 3 college credits. This course will be an intensive course of study that will encompass one semester. This equates to a college survey overview of American History from 1865 to the present. There is an \$85 fee for the administration of the AP test should a student choose to take it additionally, but this course does not use the AP curriculum and is taught through Western Wyoming Community College.

HMEC0900 Child Development

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.

Course 1 in the Education, Child Development and Family Services Pathway.

HMEC1000 Early Childhood Education I

Prerequisites: Child Development

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.

Course 3 in the Education, Child Development and Family Services Pathway.

HMEC1100 Early Childhood Education II

Prerequisite: Early Childhood Education I

Early Childhood Education II

MATH0891-1 Math Skills S1

Special Education level math class (Semester 1).

MATH0891-2 Math Skills S2

Special Education level math class (Semester 2).

MATH0900-A Pre-Algebra A

This is semester one of a two-semester course studying pre-algebra concepts and is a remedial and preparatory class for Algebra 1. It will introduce solving equations and inequalities, linear equations, functions, linear systems, quadratic functions, factoring, polynomials, exponents, rational expressions, and simplifying square roots. TI-84 graphing calculator is required.

MATH0900-B Pre-Algebra B

This is semester two of a two-semester course studying pre-algebra concepts and is a remedial and preparatory class for Algebra 1. It will introduce solving equations and inequalities, linear equations, functions, linear systems, quadratic functions, factoring, polynomials, exponents, rational expressions, and simplifying square roots. TI-84 graphing calculator is required.

MATH0900-OL Pre-Algebra (Online)

This is an online course studying pre-algebra and algebra concepts. It will introduce solving equations and inequalities, linear equations, functions, linear systems, quadratic functions, factoring, polynomials, exponents, rational expressions, and simplifying square roots; and use these skills in a variety of practical, consumer, business, and occupational applications. TI-84 graphing calculator is required.

MATH0910-A Algebra I A

This is a one-semester simplified course studying 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 this class meets every day. Graphing Calculator is required.

MATH0910-B Algebra I B

This is a one-semester, every day course studying 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

MATH0910-OL Algebra I (Online)

This is a one-semester simplified course studying 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 this class meets every day. Graphing Calculator is required.

MATH0911-A Honors Algebra I A

This is a one-semester simplified course studying 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 this class meets every day. Graphing Calculator is required.

MATH0911-B Honors Algebra I B

This is a one-semester simplified course studying 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 this class meets every day. Graphing Calculator is required.

MATH0920-A Geometry A

Prerequisites: Algebra 1 Teacher Recommendation only.

Intended for those who began in Pre-Algebra and are using this class for their Geometry credit and final math credit. This is part one of a two-part course (MATH0920-A, MATH0920-B).

MATH0920-B Geometry B

Prerequisites: Algebra 1 Teacher Recommendation only.

Intended for those who began in Pre-Algebra and are using this class for their Geometry credit and final math credit. This is part two of a two-part course (MATH0920-A, MATH0920-B).

MATH0921-A Honors Geometry A

Prerequisites: Teacher Recommendation

Course Description: NA

MATH0921-B Honors Geometry B

Prerequisites: Teacher Recommendation

Course Description: NA

MATH0940-A Business Math A

Prerequisite:

Course Description:

MATH1010-A Algebra II A

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.

This is the first course in a three-part Algebra II series (MATH1010-A, MATH1010-B and MATH1010-C).

MATH1010-B Algebra II B

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. This is the second course in a three-part Algebra II series (MATH1010-A, MATH1010-B and MATH1010-C).

MATH1010-C Algebra II C

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. This is the third course in a three-part Algebra II series (MATH1010-A, MATH1010-B and MATH1010-C).

MATH1011 Algebra II Intensive

Prerequisites: Algebra I Intensive & Geometry

This is a one-semester, every daycourse studying equations and inequalities, linear equations and functions, linear systems and matrices, quadratic functions and factoring and solving multiply-degree polynomials, rational exponents and radical functions and basic statistics. TI-84 Plus Silver graphing calculator is required.

MATH1011-OL Algebra II Intensive (Online)

Prerequisites: Algebra I Intensive & Geometry

This is a one-semester, every daycourse studying equations and inequalities, linear equations and functions, linear systems and matrices, quadratic functions and factoring and solving multiply-degree polynomials, rational exponents and radical functions and basic statistics. TI-84 Plus Silver graphing calculator is required.

MATH1012 Financial Algebra

Prerequisite: Algebra I & Geometry Teacher Recommendation only.

This is a one-semester simplified 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 financial world around them and help them become wise consumers. TI-84 graphing calculator is required.

MATH1110 College Alg / Trig

Prerequisites: Algebra II and Geometry.

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-OL College Alg/Trig (Online)

Prerequisites: Algebra II and Geometry.

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.

MATH1230 Pre Calculus Algebra

Pre-requisite: College Algebra (23 ACT for College Credit) 4 credits available from Utah State University(Math 1050). 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.

MATH1231 Pre Calculus Trig

Pre-requisite: College Algebra. 4 College Concurrent college Credits (24 ACT for college credit) from USU Similar to the High School level Trigonometry. But looking deeper into the problem solving aspects that will be useful in the following calculus courses. Additional topics involving complex numbers, etc. are also learned.

MATH1330-A Calculus- A

Prerequisite: College Algebra and Trigonometry with A or B grade, and/or Pre-Calculus Coll. Alg. for 4 College Concurrent college Credits. Course can be taken for AP College Credit and/or High School credit. Graphing calculator required. Topics covered: Functions and models, limits and derivatives, rules and applications of differentiation and integration.

MATH1330-B Calculus- B

Prerequisite: College Algebra and Trigonometry with A or B grade, and/or Pre-Calculus Coll. Alg. for 4 College Concurrent college Credits. Course can be taken for AP College Credit and/or High School credit. Graphing calculator required. Topics covered: Functions and models, limits and derivatives, rules and applications of differentiation and integration.

MATH1330-C Calculus- C

Prerequisite: College Algebra and Trigonometry with A or B grade, and/or Pre-Calculus Coll. Alg. for 4 College Concurrent college Credits. Course can be taken for AP College Credit and/or High School credit. Graphing calculator required. Topics covered: Functions and models, limits and derivatives, rules and applications of differentiation and integration.

MUSI0910-1 Symphonic Band S1

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.

MUSI0910-2 Symphonic Band S2

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-A Chamber Orch A

Prerequisite: Audition required.

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.

MUSI0921-B Chamber Orch B

Prerequisite: Audition required.

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.

MUSI0921-C Chamber Orch C

Prerequisite Audition required.

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.

MUSI0922-1 Concert Orch S1

Previous String Experience or Teacher Permission.

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.

MUSI0922-2 Concert Orch S2

Previous String Experience or Teacher Permission.

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.

MUSI0922-3 Concert Orch S3

Previous String Experience or Teacher Permission.

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.

MUSI0930-1 Mixed Choir S1

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.

MUSI0930-2 Mixed Choir S2

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.

MUSI1030-1 Concert Chorale S1

Prerequisite: Audition required.

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.

MUSI1030-2 Concert Chorale S2

Prerequisite: Audition required.

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.

MUSI1130-A Select Girls Choir A

Prerequisite: Audition required.

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. Advanced Women's Ensemble 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.

MUSI1130-B Select Girls Choir B

Prerequisite: Audition required.

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. Advanced Women's Ensemble 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.

MUSI1140 Musical Percussion

Prerequisite: All students must receive Instructor Approval prior to enrollment.

This a study of music and its real-world application of public performances. Students will rehearse and prepare for performance in the SVHS Marching Braves Drum line and Percussion Ensemble. This class is for First Semester Only.

MUSI1200 Advanced Musical Studies

Prerequisite: All students must receive Instructor Approval prior to enrollment.

Course Description: This a study of music and its real-world application of preparing for performances. Students interested in developing their individual skill level on their primary instrument should enroll. This class is also an excellent opportunity to develop skills on a

secondary instrument, or perhaps learn a new instrument. This class is for Second Semester Only.

MUSI1210-A Jazz Band A

Prerequisite: Audition required

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. Jazzmin will have 15- 20 performances a year, will participate in District Clinic, All State, and District Festival.

MUSI1210-B Jazz Band B

Prerequisite: Audition required

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. Jazzmin will have 15- 20 performances a year, will participate in District Clinic, All State, and District Festival.

MUSI1211-A Select Jazz Choir A

Prerequisite: Audition required.

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.

MUSI1211-B Select Jazz Choir B

Prerequisite: Audition required.

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

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.

PMED1210 CNA Certification

Prerequisite: 3.25 GPA and must be 16 years old.

There is a fee for registration of this class. 5 Credit Concurrent Enrollment

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 principals 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 setting. 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

PSCI0900-A Physical Science A

Course Prerequisite: None

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.

Course Learning Outcomes:

1. Students will be able to describe properties of matter
2. Students will be able to describe phase changes and the Kinetic Molecular Theory
3. Students will be able to describe the characteristics and properties of an atom and subatomic particles
4. Students will be able to use the Periodic Table of the Elements to determine atomic trends and characteristics
5. Students will be able to balance chemical formulas
6. Students will be able to balance chemical equations using the Law of Conservation of Mass.

PSCI0900-AOL Physical Science A (Online)

Course Prerequisite: None

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.

Course Learning Outcomes:

1. Students will be able to describe properties of matter
2. Students will be able to describe phase changes and the Kinetic Molecular Theory
3. Students will be able to describe the characteristics and properties of an atom and subatomic particles
4. Students will be able to use the Periodic Table of the Elements to determine atomic trends and characteristics
5. Students will be able to balance chemical formulas
6. Students will be able to balance chemical equations using the Law of Conservation of Mass.

PSCI0900-B Physical Science B

Course Prerequisite: None

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.

Course Learning Outcomes:

1. Students will be able to describe examples and types of motion using vectors.
2. Students will be able to describe and calculate motion using speed, velocity, and acceleration.
3. Students will be able to use and describe Newton's 3 laws of motion.
4. Students will be able to define and use forces, mass, vectors, momentum and Newton's 3 laws of motion in real world applications.
5. Students will be able to identify different types of energy and explain transfers of energy.
6. Students will be able to identify and explain wave behavior in all types of matter, special emphasis will be given to the Electromagnetic Spectrum.

PSCI0900-BOL Physical Science B (Online)

Course Prerequisite: None

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.

Course Learning Outcomes:

1. Students will be able to describe examples and types of motion using vectors.
2. Students will be able to describe and calculate motion using speed, velocity, and acceleration.
3. Students will be able to use and describe Newton's 3 laws of motion.
4. Students will be able to define and use forces, mass, vectors, momentum and Newton's 3 laws of motion in real world applications.
5. Students will be able to identify different types of energy and explain transfers of energy.
6. Students will be able to identify and explain wave behavior in all types of matter, special emphasis will be given to the Electromagnetic Spectrum.

PSCI0900-OL Earth Science (Online)

Physical science class with a focus on Earth based science. This is an online course offered through the Star Valley Virtually School.

PSCI1120-A Geology A

This class is designed to give students a basic understanding of beginning geologic concepts and skills. It will be 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 lecture, library and Internet research, field studies, labs, maps, and computers to learn about our marvelous world. A student must be in this class all year and may not transfer in at semester.

PSCI1120-B Geology B

Prerequisite: Semester 1 Geology

This class is designed to give students a basic understanding of beginning geologic concepts and skills. It will be 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 lecture, library and Internet research, field studies, labs, maps, and computers to learn about our marvelous world. A student must be in this class all year and may not transfer in at semester.

PSCI1320 Phys Geology-HONORS

Prerequisite: 3.25 GPA College Credit Available Through WWCC

Course Description: Here is a great opportunity for you to receive four free semester hours of lab based college science credit. You'll never look at the earth in the same way after you've taken this class. Physical Geology is designed to be hands on approach for the student to learn common rocks and minerals found in this part of the world. Students will be able: To explain processes involved in rock and mineral formation, weathering, erosion, oceans and shorelines, volcanoes,

Earth's interior and plate tectonics, mountain building, geologic hazards, glaciations, ground water, and deserts. To identify geologic surface features created by the above-mentioned processes through photos, maps, and in the field investigations. Labs and field trips will reinforce concepts covered in class.

Learning Outcomes:

1. Be able to use the theory of plate tectonics to describe many of Earth's surficial geologic features and processes (volcanism, earthquakes, mountain building, mineral deposits, etc).
2. Identify common minerals
3. Identify common rocks (sedimentary, igneous, and metamorphic)
4. Explain how Earth's surface is affected by the effects of moving wind, water, and glaciers.

PSCI1330-A Physics - A

Prerequisite: College Algebra and Trigonometry (concurrent enrollment in trigonometry with teacher's permission) Chemistry is advised, but not required.

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.

Learning Outcomes:

1. Be able to describe motion: displacement, speed, velocity, acceleration.
2. Be able to represent and interpret motion using graphs.
3. Be able to represent displacement and motion using vectors.
4. Know, explain, and apply Newton's Laws of Motion.

PSCI1330-B Physics – B

Prerequisite: College Algebra and Trigonometry (concurrent enrollment in trigonometry with teacher's permission)

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. Computer probeware and sensor-based labs are also used to give students opportunities to collect and synthesize data using computers.

Learning Outcomes:

1. Be able to solve force vector problems
2. Be able to explain and use Newton's Universal Law of Gravity
3. Be able to solve problems for circular and rotary motion.
4. Be able to solve problems for the Law of Conservation of Momentum.

PSY1100 Psychology

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.

PSY1100-OL Psychology (Online)

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

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 as well as the interdependence of living organisms.

SBIO1000-AOL Biology A (Online)

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 as well as the interdependence of living organisms.

SBIO1000-B Biology B

Continuation of Biology A. 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 that ecosystem as well as the interdependence of living organisms.

SBIO1000-BOL Biology B (Online)

Continuation of Biology A. 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 that ecosystem as well as the interdependence of living organisms.

SBIO1102 Biotechnology,

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 principals 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 with grade of B or above, and Chemistry with grade of C or above. GPA 3.0. Three Credit Concurrent Enrollment with Utah State University Biology 1010. Juniors having completed Chemistry as a sophomore can qualify, leaving openings for more science options as a senior. Students may enroll and pay USU for college credit, or enroll as a high school honors class only, without a registration fee or credit. Textbook will be furnished.

This course fills the general education life-science Star Valley High School Enrollment Guide 21 requirement at most colleges. Concepts covered includes microbiology, cellular functions, energy production, heredity, evolution, ecology, and organism diversity. This is a required class for Human Anatomy & Physiology which is offered during spring semester.

SBIO1301 Biology II Anat/Phys

Prerequisites: Biology 1010 and Science teacher recommendation from Honors Biology. 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. Class is not offered for college/concurrent credit.

SBIO1310-IS Human Anatomy (BYU)

BYU Independent Study Curriculum Course

Description: This course is designed to meet the requirements for high school biological science credit. This course focuses on the human organism rather than on the general topic of life. Those students who might be interested in pursuing a career in medicine, anthropology, or psychology may consider taking this course. Also, any student who has an interest in or is curious about how the human body works should consider this course.

SCIE1130 Zoology

Course Prerequisite: Biology

Course Description: Students will learn Biology with a 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.

Course Learning Outcomes:

1. Understand and describe the 9 animal phyla.
2. Understand and describe animal diversity and evolutionary relationships.
3. Understand and explain animal systems and their role in fostering homeostasis in animals from simple to complex animals.
4. Understand and make the correlation between simple animal systems and simple animals with more complex animal systems and more complex animals.
5. Understand and explain local zoological diversity in Wyoming and surrounding areas.
6. Understand and explain evolutionary and taxonomic relationships between 19 orders of mammals.
7. Understand and explain mammalian gestation and developmental characteristics.

SOCL1020 Economics

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)

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.

SOCL1100 Sociology

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. 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.

SOCL1200 US Government

Prerequisites: None

To understand the constitution and the American political process. To understand the world 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. It is a one semester course offered primarily to senior students.

SOCL1200-OL US Government (Online)

Prerequisites: None

To understand the constitution and the American political process. To understand the world 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. It is a one semester course offered primarily to senior students.

SOCL1300 US Govt – HONORS

Prerequisite 3.25 Cum GPA 4 Credits Concurrent enrollment

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.

SPDL0900 Life Skills

Course is for special education needs to help students learn day-to-day life skills.

SPDL0902-1 IP Voc/Trans S1

This class is taught by a Special Education teacher and is individualized to the student's needs

WELD0910 Intro to Welding,

Course Prerequisite: none

Course Description: This basic introductory course will get you started on a track towards a welding career. This course is a semester 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 to the arc welding II course. Prefer Sophomore Students for entry level. Upon completion of this course, students will be able to strike an arc with three different electrodes, 6011, 6013, & 7018. They will also be able to weld butt, lap, tee and corner joints and weld in the flat, vertical, horizontal & overhead positions.

Course included in the following pathways: Welding"

WELD1010 Structural Welding

Course Prerequisite: Intro to Welding

Course Description: Ready to test your skills? This is the place for you, while receiving both College and High School credit. Through this year long course you will develop your skills in fillet welding. You can earn 3 college credits, through Western Wyoming Community College, at no cost, during Spring Semester. Junior or Senior Students only. 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. They will use 7024, 6010, and 7018 electrodes.

Course Learning Outcomes:

1. Weld to specifications a tee joint in the vertical position with E-6010
2. Weld to specifications a fillet weld multi-pass tee joint in the vertical position with E-6010.
3. Weld to specifications a fillet weld tee joint in the vertical position using E- 6010 and a weave cover pass.
4. Weld to specifications a tee joint in the vertical position with E-7018.

5. Weld to specifications a fillet weld multi-pass tee joint in the vertical position with E-7018.
6. Weld to specifications a fillet weld tee joint in the vertical position using E- 7018 and a weave cover pass.
7. Weld to specifications a tee joint in the overhead position with E-6010.
8. Weld to specifications a fillet weld multi-pass tee joint in the overhead position with E-6010.
9. Weld to specifications a tee joint in the overhead position with E-7018.
10. Weld to specifications a fillet weld multi-pass tee joint in the overhead position with E-6010.

Course included in the following pathways: Welding

WELD1110 Advanced Welding Techniques

Prerequisite: Structural Welding

Course Description: Through this year long course you will develop your skills in structural welding. First semester will focus primarily on V-groove welding with backing bar, in various positions. Students will also weld outside corner joints. Upon completion of this course, students will be proficient in welding V-Groove butt joints, on 3/8 inch plate with a backer. They will use 7018 for root, fill and cover passes, in all positions. They will also weld outside corner joints, on 3/8 inch plate, with 6010 root and 7018 fill and cover passes, in all positions. Students will take the certification test in December for v-groove butt joint with backer in the horizontal, vertical and overhead position.

Course Learning Outcomes:

1. Weld to specifications a single-vee groove butt joint in the flat position using E7018 welding electrodes with backing.
2. Weld to specifications a single-vee groove butt joint in the horizontal position using E7018 welding electrodes with backing.
3. Weld to specifications a single-vee groove butt joint in the vertical-up position using E7018 welding electrodes with backing.
4. Weld to specifications a single-vee groove butt joint in the overhead position using E7018 welding electrodes with backing.

Course included in the following pathways: Welding

WELD1210 Fabrication & Plasma Welding

Prerequisite: Advanced Welding

Course Description: NA

WEXP0921 Auditorium Technology S1, S2, S3

Prerequisites: None

Course Description: Students will learn lighting and sound production and practice those skills during practice and live events. (Can be taken all year)

WEXP1200 Internship I

Grade Level: 12, other grade levels upon special request and approval from Counselors and Principal

Course Description: This class is generally for upper classmen. Students may choose a work site to improve their understanding of a certain field of their choice. They will spend one or two class periods per day in the chosen site. Students will have regular drop ins by a teacher and have other requirements to meet such as time cards, skills videos and assignments, etc.

WEXP1201 Senior Capstone

Grade Level: 12

Students will learn how to balance a budget based on real-life occupations. Students will learn how to write checks, balance a check- book, and pay mandatory bills. Also, each student will research colleges and degrees. After which, each student will become familiar with an occupation(s) of the student's choice. Students will be required to attend field trips with the class, do service as a class and individually, and spend time in several occupational settings. Students will be versed in interviewing and presentation skills.

WEXP1202 Internship II

Semester or Year and One or Two class periods

Grade Level: 12, other grade levels upon special request and approval from Counselors and Principal

This class is generally for upper classmen. Students may choose a work site to improve their understanding of a certain field of their choice. They will spend one or two class periods per day in the chosen site. Students will have regular drop ins by a teacher and have other requirement's to meet such as time cards, skills videos and assignments, etc.

WOOD0900 Wood Working

Prerequisite: None

Introduction to woodworking. Terminology, equipment, etc.

WOOD0910 Residential Construction I

Prerequisite: None

Course Description: This is a basic course to introduce students to the construction fields. This course is designed to teach different areas the construction field covers. 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.

Course Learning Outcomes:

1. Students will be able to practice personal, shop, tool and equipment safety
2. Students will be able to use construction tools.
3. Students will be able to identify parts and methods of building a residential structure.

Course included in the following pathways: Construction

WOOD1000 Residential Construction II

Prerequisite: Residential Construction I

Course Description: NA

WOOD1100 Rough Framing

Prerequisite: Residential Construction II

Course Description: This is a course to continue skill development and understanding of the construction fields. This course is designed to teach different areas the construction field covers. Such as, design, plan reading, site layout, construction safety, floor, wall and roof framing and exterior finish. Students will improve their working knowledge of the construction field. By the end of the course students will be able to be OSHA 10 certified.

Course Learning Outcomes:

1. Students will be safety conscious.
2. Students will be able to construct a small residential structure.
3. Students will be OSHA 10 certified.

Course included in the following pathways: Construction

WOOD1200 Finish Carpentry

Prerequisite: Residential Construction III

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.

Course Learning Outcomes:

1. Students will be able to competently enter the construction field.

Course included in the following pathways: Construction