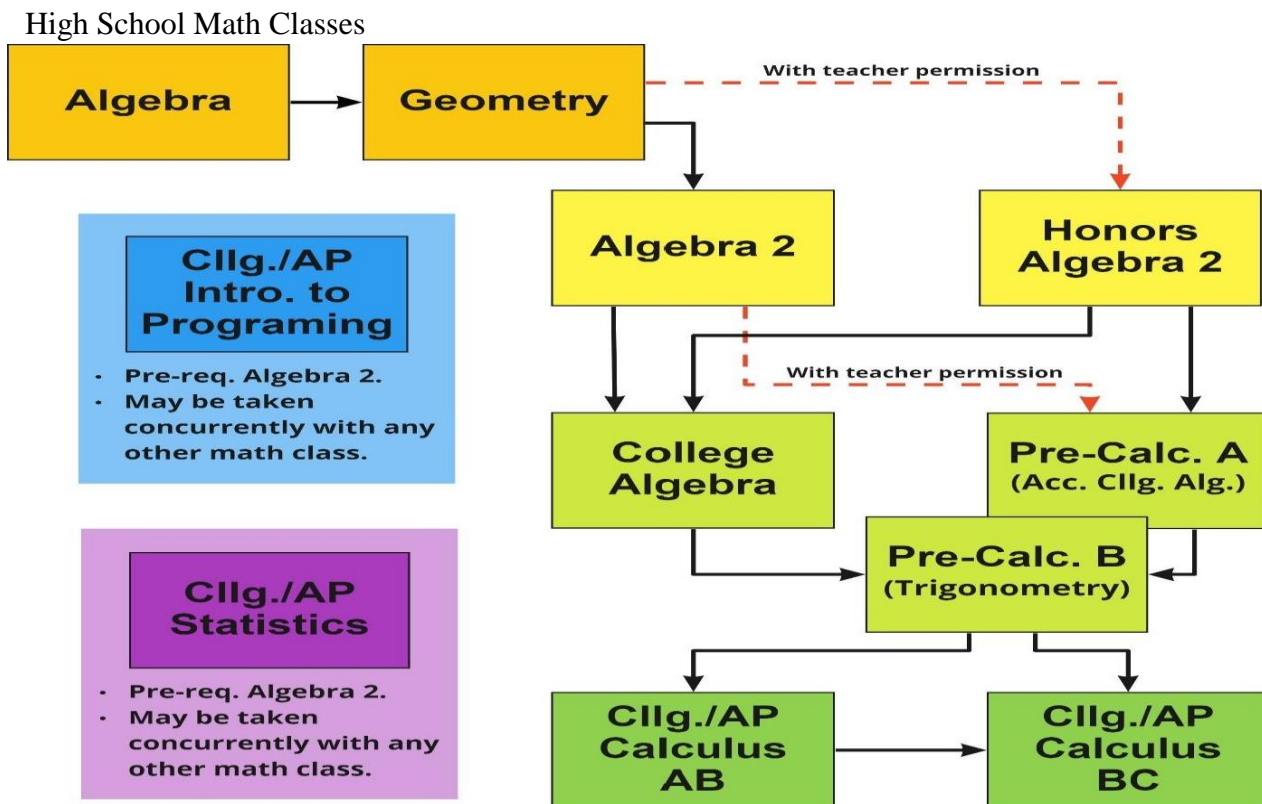


Math Flow Chart



MATHEMATICS

Rik Dümmer, B.S. BYU, M.S. Math BSU
Scott Fillmore, B.S. BYUI, M. Ed. L, ASU
Nicolette Jacobson, B.S. BYUI. M. Ed., UTA
Emma McLaughlin, B.S. BYUI. M. Ed, UWA
J. Quinn Norris, B.S. BYU, Ph.D. UC-Davis
Jennifer Palmer, B.S. SUU, M.S.D.A., WSU
Joseph Reed, B.S. BYUI, M. Ed, NSU
Jessica Ross, B.S. BYUI, M.A. Math WGU
Daniel Scherbel, B.S. BYUI
Juana Andrade Batalla, B.S. BYUI, MSLT USU, M Ed UTA

Idaho graduation requirements include at least Algebra and Geometry with passing grade.

ALGEBRA 1

Two trimesters

Grades: 10, 11

Prereq: Completion of Math 8 or Basic Algebra (C or higher)

Algebra I is a tool building class that helps students prepare for more advanced mathematics courses. Algebra I concepts, such as solving various types of equations and simplifying expressions, are basic to the high school math curriculum; therefore they are tested heavily as part of the Idaho State Achievement Test (ISAT). A scientific calculator is recommended.

ALGEBRA 1 IS A GRADUATION REQUIREMENT.

GEOMETRY

Three trimesters

Grades: 10, 11, 12

Prereq: Completion of Algebra I (C or higher) or Extended Algebra (B or higher).

This course explores the foundation of geometric figures and relationships. Students will learn concepts about and prove relationships dealing with parallel lines, triangles, quadrilaterals and other polygons, similar polygons, right triangles and circles. They will also learn to calculate areas and volumes. A scientific calculator is required. **GEOMETRY IS A GRADUATION REQUIREMENT.**

ALGEBRA II

Three trimesters

Grades: 10, 11, 12

Pre-requisites: Completion of Algebra I and Geometry or Basic Geometry (C or higher).

Students review and extend algebraic skills in handling such things as real numbers, first and higher degree polynomial equations, factoring, rational functions, functional relationships, variations, exponents, systems of equations for linear and quadratic equations, matrices, conic sections, sequences and series, Pythagorean Identities, probability, and statistics. Algebra II is a prerequisite for all other high school and college level math courses. A graphing calculator is required. TI-89 calculators are NOT allowed.

HONORS ADV ALGEBRA II & TRIG (HAAT)

Three Trimesters

Grades: 9, 10, 11, 12

Prereq: Excellent grades and completion of Algebra I and Geometry AND Teacher recommendation

Students review and extend algebraic skills in handling such things as real numbers, first and higher degree polynomial equations, factoring, rational functions, functional relationships, variations, logs, exponents, systems of equations for linear and quadratic equations, matrices, conic sections, sequences and series, binomial theorem, probability, statistics, and trigonometry. This class moves at a very fast pace and will cover the entire book. A graphing calculator is required. TI-89 calculators are NOT allowed.

Intro to Statistics (Part of ES Course)

1st Trimester (periods 2 through 5)

Grade: 11, 12

Fee: Fee Associated

Credits: Intro to Statistics, Environmental Science A, Environmental Science B, Journalistic English,

Pre-requisites: Application

See Science Classes section for description.

Seniors may take any two of the following courses for their required senior math (if not completing a previous series)

ELEMENTARY STATISTICS

One Trimester

Grade: 12

Prereq: Completion of Algebra & Geometry

This course is designed to give students an introduction to the fundamental concepts and methods of statistics. Emphasis is placed on understanding, analyzing, and solving real-life problems that require statistical reasoning. Topics include descriptive statistics, the meaning of probabilities, how to read, analyze, and apply statistical information found in the media and daily life, and how to use statistics to make appropriate predictions about random events.

MATH BUSTERS

One trimester

Grade: 12

Prereq: Completion of Algebra & Geometry

This class busts the myth that math is only worksheets and homework problems. The question of when am I ever going to use this will be answered as activities explore real world applications formally called applied mathematics. But this class is anything but formal. In this project-based learning environment, you will problem solve, create experiments, and explore all the possibilities of mathematics. Topic include Statistics, Geometry, Number Systems, and Math in the Work Place.

PERSONAL FINANCE

One trimester

Grade: 12

Prereq: Completion of Algebra & Geometry

This course will help students navigate the financial decisions they are facing and will face in the future. This course is intended to inform and change behaviors. Students will explore areas such as Saving, Budgeting, Debt, Investing, Retirement, Insurance, Taxes and life after high school.

College Courses **AP & Dual Enrolled**

AP/CLLG INTRO TO PROGRAMMING CS112

Three Trimesters HS credits

3 Cllg. Credits at U of I (\$195 Payable by AO)

Fee: \$25 and AP Test (\$95)

Prereq: Successful completion of Algebra 2 series (C or higher)

Intro to Programming is an introduction to elementary computing concepts such as variables, loops, functions, lists, conditionals, concurrency, data types, simple object-oriented concepts, I/O, events syntax, structure programming, basic concepts of computer organization, editing and the influence of computers in modern society. Students will be learning Java, a popular in-demand programming language. Students are expected to have knowledge of basic English and algebra and be comfortable with functions before taking the class. **No previous coding or computer science is required.**

COLLEGE ALGEBRA/ MATH 143

2 trimesters HS credit

3 Cllg. Credits @ CWI (\$225 payable by AO)

Prereq: Successful completion of Algebra 2 Series (C or higher).

This course includes fundamental concepts of algebra: equations and inequalities, functions and graphs, polynomial, rational exponential and logarithmic functions, systems of equations and inequalities, conics, probability, and binomial theorem. This college credit can be earned by taking the two trimester high school College Algebra class or the first trimester of high school Honors Pre-Calculus. Upon completion of this course, students may choose to take part B of the Honors Pre-Calculus – the trigonometry portion of

that course. Students need to have and know how to use a graphing calculator. Students may not use the TI-89 calculator.

PRE-CALCULUS/ MATH 143 & MATH 144

5 Cllg. Credits possible @ CWI (\$375 payable by AO)

Math 143 \$195 and/or Math 144 \$130

Prereq: Successful completion of Honors Algebra 2 series (B or higher) or Algebra 2 series (B or higher) AND recommendation of teacher.

This course includes fundamental concepts of algebra: equations and inequalities, functions and graphs, polynomial, rational exponential and logarithmic functions, systems of equations and inequalities, conics, probability, and binomial theorem. It will also cover right triangle trigonometry, Law of Sines, Law of Cosines, trigonometric identities and the unit circle, polar coordinates, vectors and complex numbers. As an honors course, it will move at a brisk pace. Students need to have and know how to use a graphing calculator. Students may not use the TI89 calculator.

AP/CLLG STATISTICS/MATH 153

2 trimesters HS credit

3 Cllg. Credits @ CWI (\$225 payable by AO)

Fee: \$25, AP test (\$95)

Prereq: Successful completion of Algebra 2 Series (B or higher)

Statistics helps us understand the world we live in. This course will include the following topics: descriptive statistics, probability, confidence intervals, and hypothesis testing for one and two parameters. Emphasis will be placed on applications to a wide variety of disciplines. Statistics is a course required in many major fields of study. Students need to have and know how to use a graphing calculator. Students may not use the TI-89 calculator. AP Statistics may be completed in 2 trimesters plus some additional work on your own to prepare for the AP exam in May. It is preferable to take in first two trimesters if taking the AP exam.

AP CLLG CALCULUS AB/MATH 170

Three Trimesters HS credits

5 Cllg. Credits (Math 170) @ CWI (\$375 payable by AO)

Fee: \$25 and AP Test (\$95)

Prereq: Successful completion of Pre-Calculus (B or higher).

Calculus is a gateway course in engineering, medical, business, and scientific fields. This course is for highly motivated students who plan on spending the requisite time to succeed. Topics include: Graphical, numerical, and analytical approaches to the study of functions including linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise-defined functions. Limits, continuity, behavior of graphs, derivatives as rate of change, integrals as an area under a curve, applications of derivatives and integration, and separable differential equations. Students need to have and know how to use a graphing calculator. Students may not use the TI-89 calculator.

AP/CLLG CALCULUS BC/MATH 170 & 175

Three Trimesters HS Credits

5 Cllg. Credits (Math 170) + 4 Cllg. Credits (Math 175)

@ CWI (\$675)

Fee: \$25 and AP Test (\$95)

Prereq: Successful completion of Honors Pre-Calculus (B or higher), or successful completion of College Calculus I

This course will cover the topics of AP Calculus AB, parametric, polar and vector functions and derivatives and integrals of those functions, Euler's method, L'Hopital's Rule, particle movement, length of a curve, extensions of integration, series concepts including Taylor series and Maclaurin series. Students need to have and know how to use a graphing calculator. Students may not use the TI-89 calculator.

AGRICULTURE

Jason Bair, B.S. University of Idaho

Val Johnson, B.S. USU

Patrick Dixon, B.S. University of Idaho

Ryanna Meacham, B.S. M.S. University of Idaho

- **By being a member of FFA, you can get one credit for Leadership at College of Southern Idaho.**
- **Students who complete the entire Plant Science and Animal Science sequences can get college credits from CSI.**
- **Students who complete the entire welding sequence can get up to 6 CEI credits.**

Classes should be taken in the following pathways:

- Intro to Ag Mech < Welding A < Welding B < Metal Fabrication
- Small Gas Eng < Large Gas Eng
- Ag Structures A < Ag Structures B < Ag Structures C
- Animal Science < Veterinary Science < Advanced Animal Science
- Plant Science < Floral Design OR Landscape Design < Greenhouse Management

INTRODUCTION TO AG MECHANICS

One Trimester - Enrollment in FFA suggested
Grade 10, 11, 12

Fee: \$10.00 plus Coveralls, Glasses, Gloves, Helmet

A course designed to familiarize the student with basic mechanical theory and skills. Students will develop skills in the following areas: carpentry, electricity, plumbing, painting, metal working, and welding processes. Emphasis will be placed on safety and proper use of tools and equipment.

ENGINES

SMALL ENGINES

One Trimester - FFA Membership Suggested

Grades 10, 11, 12

Fee: \$10.00 plus Coveralls, Glasses, Basic Tool set, Briggs and Stratton Engine

A course designed to develop skills in selection, operation, maintenance and repair of small air-cooled engines. Students will overhaul a small engine of their own but will be required to pay for their own parts and supplies.

LARGE ENGINES

One Trimester - FFA Membership Suggested

Grades 10, 11, 12

Prereq: Small Engines

Requirements: Coveralls, glasses, basic tool set

A course designed to develop skills in selection, operation and maintenance of multi-cylinder engines, hydraulics, electric motors, and ag machinery and tractors. Students will be given the opportunity to overhaul a large multi-cylinder engine of their own but will be required to pay for their own parts and supplies.

WELDING

WELDING A

One Trimester – FFA Membership Suggested

Grades 10, 11, 12

Fee: \$25 plus Coveralls, Glasses, Gloves, Helmet.

Prereq: Intro to Ag Mechanics

A course designed to develop and then reinforce skills in Arc welding, Mig welding, and plasma cutting. These processes deal with the joining and cutting of metal for the agricultural industry, as well as implement use of advanced metal working and manufacturing technology equipment.

WELDING B

One Trimester – FFA Membership Suggested

Grades 10, 11, 12

Fee: \$25 plus Coveralls, Glasses, Gloves, Helmet:

Prereq: Welding A

This course is designed to improve on skills learned in Welding A. Students will advance their skills and knowledge in Arc welding, Mig welding, and plasma cutting

METAL FABRICATION

One Trimester - FFA Suggested

Grade 11, 12

Fee: \$20 plus Coveralls, Glasses, Gloves, Helmet

Prereq: Welding B

A course to develop skills in metal project assembly and joining processes. Students will use cad drawing to design a project and then use metal working equipment and welders to construct that project. Any materials and supplies for a student's own project will be paid for by the student. If the student does not have a project of their own, one will be assigned to them.

WOOD WORKING

AGRICULTURAL STRUCTURES A

One Trimester

Grades 10, 11, 12

Fee: \$25.00

A course designed to familiarize the student with basic woodshop theory and skills. Students will be taught how to use all of the equipment in the wood shop by building small projects. Emphasis will be placed on safety and proper use of tools and equipment.

AGRICULTURAL STRUCTURES B

One Trimester

Grades 10, 11, 12

Fee: \$10.00

Prereq: Structures A

A course designed to help students develop skills in wood project assembly and joining processes. Students will use cad drawing to design a project and then use wood working equipment to construct that project. Any materials and supplies for a student's own project will be paid for by the student. If the student does not have a project of their own, one will be assigned to them.

AGRICULTURAL STRUCTURES C

One Trimester

Grades 10, 11, 12

Fee: \$10.00

This is a course preparing students to maintain, evaluate, design, and build agriculture structures using approved construction techniques. Instruction will be given in concrete and masonry, leveling and land management, carpentry, electrical wiring, siding, and safety.

ADDITIONAL AGRICULTURE COURSES

INTRO TO THE AGRI. INDUSTRY

One Trimester - Enrollment in FFA suggested

Grades 10, 11, 12

This course is an introductory course designed to expose students to different facets of FFA and the agriculture industry. Students will gain knowledge in animal science, plant science, leadership skills, public speaking, FFA opportunities, and agricultural mechanics. Instruction and student learning will

occur through lectures, student projects, group discussions, hands on experiences, FFA experiences, CDE participation, and their SAE program.

ELECTRICITY/HYDRAULICS

One Trimester

Grades 10, 11, 12

During this class students will explore electricity and hydraulics. Students will learn electrical theory, the electrical industry, and basic residential home wiring. Students will have the opportunity to wire a wall with light switches and outlets while staying with the parameters of electrical code. Students will have the opportunity to learn hydraulic theory, explore hydraulic power, meet with professionals that work the hydraulic industry, and make our own basic hydraulic model.

LANDSCAPE DESIGN

One Trimester

Grades 10, 11, 12

Fee: \$10.00

A course designed to introduce students to the residential landscape industry. Students will learn the process of landscaping from meeting the client to designing landscapes. Students will be able to use what they have learned to plan, design and plant an area. Projects for this course include designing and drawing residential landscapes (majority of the trimester), working with plants in the greenhouse, marketing landscapes, and planting flowers.

FLORAL DESIGN

One Trimester

Grades 10, 11, 12

Fee \$10

Pre-req: Plant Science

A course designed to develop skills in floriculture and the techniques used to develop and complete a variety of retail items normally sold in a retail florist business. The skills learned are necessary to gain and maintain employment in the retail florist industry. Students will design and market floral creations. Projects are planned around the holidays associated with the trimester and have included: bud vases, Hershey Kiss roses, Hershey Kiss wreaths, duct tape flowers, boutonnières, dried flowers, wrapped flowers, etc.

ADVANCED FLORAL DESIGN

One Trimester

Grades 10, 11, 12

Fee: To be Determined

Prereq: Floral Design

Students will continue to learn and implement the principles of floral design. Students should know the basics of floral design before enrolling and will use what they know to make creative arrangements to meet the needs/wants of the local community. Students will expand their knowledge of floral trends and plan the arrangements for a community event.

PERSONAL LEADERSHIP SKILL DEVELOPMENT

Counts as a Speech Credit

One Trimester

Grades 10, 11, 12

A course designed to develop agricultural leadership skills. This course includes parliamentary procedure, public speaking, job interview, sales and communication skills.

(Recommended for all students involved in the Agriculture program)

CAREER/SAE SUPERVISED AG EXPERIENCE

Spring Trimester

Grades 10,11,12

Prereq: Enrollment in FFA required Consent of instructor required.

A course designed to provide students with the skills necessary to gain and maintain employment in the agriculture industry. Students will be required to work outside on the FFA/Ag Program Farm, Greenhouses and etc. They will also gain career knowledge by learning and participating in FFA career development events.

SUMMER CAREER/SAE EXPERIENCE

Summer Trimester

Grades 10,11,12

Prereq: Enrollment in FFA required & Consent of instructor required.

In consultation with instructor, student will select a specific agricultural/horticultural crop, livestock enterprise, or employment opportunity and develop it into an SAE project, Students will be required to keep financial records for the project. These projects may include things like working on the school farm and greenhouses, employment in a

wide range of agricultural industries, Livestock fair projects, or growing agricultural crops

AGRICULTURE SCIENCES

(All courses count as 1 science credit)

The following sciences courses are offered from the Agricultural Department and can be taken as part of your 6 required science credits.

Classes should be taken in the following pathways:

-- **Plant Science > Floral Design > Greenhouse Management**

-- **Animal Science > Veterinary Science > Advanced Animal Science**

ANIMAL SCIENCE/ZOOLOGY

One Trimester - FFA Membership Suggested

Grades 10, 11, 12

A course designed to develop knowledge and skills pertaining to nutrition, reproduction, diseases, breeding, genetics, anatomy and physiology in livestock. This class counts as a science credit.

VETERINARY SCIENCE/ZOOLOGY

One trimester

Grades 10, 11, 12

Prereq: Animal Science

A course is designed to provide practical learning experiences in the anatomy and physiology, feeds and nutrition, diseases, reproduction and basic surgery of animals both large and small.

CLLG/ADV ANIMAL SCIENCE AGRI 109

Two Trimesters

Grades 11, 12

4 Cllg credits through CSI (\$300 Payable by AO)

Prereq: Animal Science, Veterinary Science

This is the capstone course of the Animal Science Pathway. Students will learn about the livestock industry in Idaho and the technology that keeps us as one of the top animal agriculture states. The class will include many hands-on labs, job shadowing, and will be loaded with expert quest speakers from the animal science sector. College credit will be offered at the end of the second trimester.

PLANT SCIENCE/BOTANY

One Trimester - Enrollment in FFA suggested

Grades 10, 11, 12

A course designed to introduce students to the science of plant growth and development. Students will examine the importance of plant cell structure, functions of cells, plant processes, nonvascular plants, vascular plants, roots, stems, leaves, flowers and reproduction of plants. This course includes growing plants in a controlled environment by producing tomatoes, peppers and strawberries in a hydroponic growing system.

GREENHOUSE MANAGEMENT

Two Trimesters

Grades: 11, 12

Prereq: Plant Science and Floral Design

If you want to feel like it's spring in January, this class is for you. Students will learn how plants grow from a seed to a plant that can be sold in May. Students will design hanging baskets that will be sold in the Madison High School Greenhouse sale. Students should plan on working hard in both the greenhouse and the classroom.

FISH & WILDLIFE MANAGEMENT

One Trimester - Enrollment in FFA suggested

Grades 10, 11, 12

Fee: \$20.00 Travel plus additional fees

A course designed to examine the importance of fish and wildlife science, outdoor recreation, forestry, aquaculture and natural resources. Course will include field trips. This course is two class periods.

AQUACULTURE SCIENCE/ZOOLOGY

One Trimester - Enrollment in FFA suggested

Grades 10, 11, 12

Aquaculture is the art, science, and business of cultivating plants and animals in water. This course emphasizes the scientific knowledge and methods necessary for aquaculture. Students learn the history, the structure and function of aquatic plants and animals, scientific marketing, general management practices supported by science, nutrition, health, water chemistry, and the role of science in structures, equipment, regulations and careers. Students develop writing and thinking skills through complementary laboratory exercises involving experimentation, data collection, analysis and hands-on experience.

ECOLOGY/NATURAL RESOURCE SCIENCE

One trimester

Grades 11, 12

A course designed to teach the concepts of conservation, natural resources, ecology, and fish/wildlife science. It also covers management of natural resource ecosystems; biological diversity, conservation biology, global climate change in natural resource ecology, social views of natural resources; and social conflict over natural resources.

RANGE SCIENCE

One Trimester

Grades 10, 11, 12

Students will examine the ecological principles that cause grasslands, shrub lands, woodlands, forests, and deserts to change or stay the same. Students will also explore how humans use and manage these ecosystems. The modern challenges of rangeland management must be met with broad thinking and new, sustainable practices to maintain and restore rangelands and the human communities that rely on them.

APPLIED CROP SCIENCE

One Trimester

Grades 10, 11, 12

This class will focus on the science of growing crops for production and market as well as meeting the plant needs in the field. Students will learn how stable crops are produced, be able to identify disease and plant deficiencies, and explore the process of bringing crops to the market.

SCIENCE

Blaine Briggs, B.S. ISU
Ted Muller B.S. School of Mines, S.D.
Travis Phillips B.S. ISU M.S. MSU
Ron Call, B.S. USU, M.S. BYU
Michael Stansel, B.S. ISU
Shauna Decker, B.S. BYU-I

Note: All students are required to take six credits of Science to graduate.

BIOLOGY A

One Trimester

Grades 10, 11, 12

This class will cover the following subjects: The Study of Life, Chemical Basis of Life, Cell Structure, Photosynthesis and Respiration, Cell Division, Genetics, DNA, Genes and Chromosomes, Protein Synthesis, Biotechnology

BIOLOGY B

One Trimester

Grades 10, 11, 12

Prereq: Biology A

This class will cover the following subjects: Evolution, History of Earth and Life classification, 6 Kingdoms, Biosphere, Populations, and Communities, Ecosystem Dynamics, Human Systems

ASTRONOMY

One Trimester

Grades 10, 11, 12

Astronomy is the scientific study of the heavens. Students study patterns of objects in the sky, the historical development of astronomy, technology and history of space exploration, the moon, solar system, the Sun, stars, galaxies, and the beginnings and history of the universe. Students are highly encouraged to attend nighttime star parties to learn constellations and observe planets and deep space objects with telescopes.

CHEMISTRY A

One Trimester

Grades 11, 12

Fee: \$10 Lab Fee

Prereq: Algebra 1

Required: safety goggles, lab notebook, and calculator.

This class covers the metric system, naming chemicals, concept of the mole, types of chemical reactions, and stoichiometry.

CHEMISTRY B

One Trimester

Grades 11, 12

Prereq: Chemistry A

Required: safety goggles, lab notebook, and calculator

This class covers chemical bonds, nomenclature, chemical reactions, reaction stoichiometry, chemical equilibrium, acids and bases.

HUMAN BIOLOGY A

One Trimester

Grades 10, 11, 12 (Students are encouraged to take Biology A prior to this course)

Students in this class will explore the fundamentals of human anatomy and physiology. Human Biology A will cover lab skills and techniques used in all scientific experimentation. Topics will include biochemistry, cells and tissues, anatomical and physiological terminology, genetics and the reproductive system/human development, and the musculoskeletal system.

HUMAN BIOLOGY B

One Trimester

Grades 10, 11, 12

Students in this class will explore the fundamentals of human anatomy and physiology. This class will focus on the structures and functions of human systems, including the nervous and endocrine systems, the respiratory and circulatory systems, the lymphatic and immune systems, and the digestive and urinary systems.

PHYSICS A

One Trimester

Grade 11, 12

Fee: \$10.00 Lab Fee

Prereq: Algebra II or Teacher Approval

Required: Lab Notebook, calculator

This class covers metric system conversions, use of significant figures, one and two dimensional kinematics, vectors, forces, and Newton's Laws of Motion

PHYSICS B

One Trimester

Grades 11, 12

Prereq: Physics A

Required: Lab notebook, calculator

This class covers work, kinetic and potential energy, momentum, impulse, conservation of momentum and collisions, circular motion, gravitation and orbits, and an introduction to electric forces and DC circuits.

College Science (AP & Dual Credit)

ES - ENVIRONMENTAL SOLUTIONS

Grades 10, 11, 12

Fee: \$75

4 Cllg Credits at CSI (\$300 payable by AO)

Environmental Science A - Mr. Phillips

Environmental Science B – Mr. Phillips

Journalistic English Elective - Mrs. Leatham

Introduction to Statistics- Ms. Jacobson

Prereq: Application

The class is centered on the study of water, soil, forest, wildlife, and current issues affecting these areas. The first 8 weeks will be spent on field trips to the Teton River drainage. Students need good hiking shoes, a day pack, etc. as most of the time will be out doors sampling, photographing, etc. The middle part of the trimester will be spent researching data collected and drawing conclusions. The final 2 weeks will be time for making video presentations of the information and conclusions gained during the trimester. Students will become proficient in the use of computers, graphing, videotaping, photography, as well as learning to sample the environment using technology used by scientists in their various disciplines. Students will also explore careers in science, math, and English as well as working with professionals from various government agencies and private enterprise.

COLLEGE ANAT/PHYSIO BIOL 105

Two Trimesters

Grades 10, 11, 12

4 Cllg Credits at CSI (\$300 payable through AO)

Fee: \$25 lab fee (one time fee)

The class is designed for students who want to pursue further study of the human body. This is a course covering ten different body systems,

internal and external. It is a course that fits with Health Occupations (CNA program, medical assistant, dental assistant, and other medical tech fields) or as a prerequisite for other health fields. This class is a practicum style class where students will spend a great deal of time in lab developing skills and knowledge base to further understand the human body and the medical field.

AP/COLLEGE BIOLOGY 1101

Three Trimesters / First Two Trimesters

Grades 10, 11, 12

4 Cllg Credit at ISU (\$300 Payable by AO)

Fee: \$25 course fee, \$35 lab fee, AP Test (\$95)

Prereq: Sophomores may take this course as an AP course. To take this course as a Dual Credit Course students must be a Junior or Senior.

Extensive reading and writing is required. Students will study the nature of science, biochemistry, cells, metabolism, and genetics, evolution, ecology, microorganisms, plants and animals. Personal and societal issues involving biology are emphasized. Participation in class discussions is expected. Laboratory experiences and experiments are extensive and a lab notebook is required. This class is weighted more heavily for class rank status than regular courses.

AP/COLLEGE BIOLOGY (1101-1102)

Three Trimesters/ Last Two Trimesters

Grades: 11,12

4 Cllg Credits @ ISU (\$300 payable through AO)

Prereq: AP Biology/Cllg Biology 1101

This course is taught third trimester during the same period as AP Biology. Students will study microbiology, plants, animals and ecology. Personal and societal issues involving biology are emphasized. Participation in class discussions is expected. Laboratory experiences and experiments are extensive and a lab notebook is required.

AP PHYSICS A,B,C

Three Trimester

Grade 11, 12

Fee: \$25.00 Class Fee, \$10 Lab Fee, \$94 AP Exam

Prereq: Algebra II

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based

investigations as they explore topics such as Newtonian mechanics (including rotation motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

NATURAL DISASTERS/CLLG GEOLOGY 104

Grades 10, 11, 12

One Trimester

4 Cllg Credits at CSI (\$300 Payable by AO)

This course examines the interaction between modern society and Earth processes and resources. Natural Earth processes which adversely affect humans are considered including earthquakes, volcanic eruptions, flooding, meteorite impacts, mass wasting, coastal processes, and climate trends. The course also investigates the development of natural resources, pollution and waste disposal, climate change, land use and engineering, and energy resources. Lab exercises will provide real-world problems and will introduce techniques and skills that can be used to address these issues. Field trips may be included with the course. This class meets general educational requirements for science at most universities. It will also meet FDSCI 201 requirement at BYUI.

BASIC ELECTRONICS TECH 1A, 1B, 1C

Three Trimester

Grades 10, 11, 12

Lab Fee: \$5 plus project expenses

This course introduces students to electricity and electronics. Students analyze DC series and parallel circuits. Emphasis is on predicting circuit parameters, analyzing circuits, using test equipment correctly, troubleshooting problems, and repairing circuits. Students completing the program successfully will be well-prepared to continue further electronics training at a technical school. Students will also be well prepared to enter an electronics, electrical or computer engineering university program.

INTERMEDIATE ELECTRONICS 2A, 2B, 2C

Three Trimesters

Grades 11-12

Prereq: Electronics 1A, 1B, & 1C

This is a three-trimester class that continues the electronics professional-technical education course. Students completing the program successfully will be well-prepared to continue

further electronics training at a technical school and enter the workforce within 2 years after high school. Students analyze DC and AC circuits. Emphasis is on predicting circuit parameters, analyzing circuits, using test equipment correctly, troubleshooting problems, and repairing circuits. Several projects are constructed including home wiring and power supplies. Radio, wireless and robotic applications are also introduced, including VEX Robot competitions.

ADVANCED ELECTRONICS 3A, 3B, 3C

Three Trimesters

Grades 12

Prereq: Electronics 2A, 2B, & 2C

This is a two-trimester class that continues the electronics professional-technical education course. Students completing the program can further their electronics training at a technical school or enter an electronics, electrical or computer engineering university program and enter the workforce within 2 years after high. Students analyze DC, AC, solid-state and digital circuits. Emphasis is on predicting circuit parameters, analyzing circuits, using test equipment correctly, troubleshooting problems, and repairing circuits. Several projects are constructed throughout the course. Radio, wireless, robotics, and digital applications are explored in more depth, including VEX Robot competitions.

ENGLISH

Steve Barrus B.A. BYU, M.A. WSU

Amy Leatham B.S. USU, M.Ed. UOPX

Camille Miller B.A. BYUI, M.Ed. ASU

Ryan Snelgrove B.S. BYUI, M.Ed. WALDEN

Nicole Stanford B.S. BYUI

Neva Ward B.A. BYU-I, M.S. Admin. ISU

Amy Davis B.S. BSU, M.S. Augustana UNIV

Lauren Bearnson B.S. BYUI

Emily Withers, B.A. BYUI, M.S. USU

Savannah Dodd, B.S. BYUI

English Graduation Requirements: MHS

students are required to take two English credits each year of high school. Sophomores will take 10A &

10B (in either order), juniors will take English 11 and an English Elective and seniors will take English 12 & an English Elective. One dual enrollment English course (as a Junior or Senior will fulfill an English Elective requirement. Two dual enrollment English courses will fulfill both the core and elective courses for the year in which they are taken. An AP English course will fill both the core and elective courses for the year in which they are taken.

ENGLISH CORE COURSES

ENGLISH 10A: NARRATIVE & EXPOSITORY LITERATURE AND COMPOSITION

One Trimester

Grade 10

This required sophomore level course focuses on analysis of literary texts. Students will be expected to write narrative and explanatory essays. In addition, they will analyze a variety of literary and informative texts with strong textual evidence demonstrating knowledge of the Standard English language.

ENGLISH

10B: ARGUMENT & PERSUASIVE LANGUAGE AND COMPOSITION

One Trimester

Grade 10

This required sophomore level course focuses on analysis of informational texts. Students will be expected to write argument and informative essays. In addition, they analyze a variety of informative texts with strong textual evidence demonstrating knowledge of the Standard English language. Mrs. Stanford & Mr. Barrus' 10B classes will also explore technical and journalistic writing.

ENGLISH 11: AMERICAN LITERATURE AND COMPOSITION

One Trimester

Grade 11

Prereq: English 10A & 10B

This required junior level course analyzes the chronology of American literature. Students read various American fiction and non-fiction texts and write argument and narrative essays. In addition, they will analyze a variety of literary and informative texts with strong textual evidence

demonstrating knowledge of the Standard English language.

ENGLISH 12: BRITISH LITERATURE AND COMPOSITION

One Trimester

Grade 12

Prereq: English 11

This required senior level course analyzes literature through the British Literature time periods. In this course students will read various pieces of British Literature and write argument and expository essays, including a senior research paper. Students will be expected to write and analyze a variety of British works while demonstrating knowledge of the Standard English language.

ENGLISH ELECTIVE COURSES

CREATIVE WRITING

One Trimester

Grade 11-12

Prereq: English 10A & 10B

Students will study and apply basic rules of writing to their own creative compositions in fiction, essays, and drama. A major emphasis is on daily writing and constant revision as students focus on writing short stories and explanatory and persuasive prose. Students will read a novel, a number of short stories, and essays from noted authors. Students will prepare and submit some of their own writing for publication.

POETRY

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This course studies poetry written in English, with an emphasis on form and distinctive characteristics. Students will develop their ability to analyze literary texts, to write persuasive essays about them, and to create their own poems based on the studied forms.

LORD OF THE RINGS

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This course delves into the artistry, history, and inspiration surrounding Tolkien's mythopoeic world.

The class will read, analyze, and synthesize all three books in the *The Lord of the Rings*. *The Hobbit* should be read prior to the start of class.

MYTHOLOGY

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This course uses world myth to discover what mythology is and why it matters to us as individuals and as a society. By utilizing the literary conceptions of Jungian Archetypes and Campbell's Monomyth theory, students will discover the universality of mythopoeic writing.

MODERN LITERATURE

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This course has been designed to allow students to survey modern literature of the 21st century. As we explore various genres and mediums of contemporary literature, students will discover how modern day writers are addressing the world's current social and political struggles. Students will choose from a wide variety of books, short stories, poems, songs, and graphic novels throughout the trimester to accomplish this goal. This will be a project based class that will explore the themes and ideas present across certain genres. Due to the nature of the class, there will be a list of books to choose from for these genres and students will be responsible to acquire them, whether through the library, or by purchase either physically or digitally.

SCIENCE FICTION

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This English elective is a literature-based course that studies the genre of Science Fiction. Texts may include Anthem, Fahrenheit 451, Ender's Game, and others. Students will be expected to read 3-4 novels. Students will also study theme, plot development, author point of view, and problem solving through literature. Students will write narrative and analytical essays as they demonstrate command of the English language in writing, reading and speaking.

SHAKESPEARE

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This course is designed to read, view, and analyze ten of Shakespeare's works. While not required, it is helpful to have a copy of the *Complete Works of Shakespeare* to annotate and refer to.

BRITISH LITERATURE

One Trimester

Grade 11-12

Prereq: English 10A and 10B

This English elective is a literature-based course that studies the thematic works of selected British literature. Students will be expected to read 3-4 novels. Students will study theme, plot development, author point of view, and problem solving through literature. Students will write narrative and analytical essays as they demonstrate command of the English language in writing, reading, and speaking.

US LITERATURE

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This English elective is a literature-based course that studies the thematic works of selected U.S. literature. Students will be expected to read 3-4 novels. Students will study theme, plot development, author point of view, and problem solving through literature. Students will write narrative and analytical essays as they demonstrate command of the English language in writing, reading and speaking.

NEWSWRITING/BOBCAT BEAT

One Trimester

Grade 11-12

Prereq: English 10A & 10B

This course provides students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine or other printed publication. Students may gain experience in several components of writing, editing, layout, production, and so on. The course objectives will be similar to the requirements for 11th and 12th grade English electives with an emphasis in journalistic writing and reading of informational texts.

BROADCAST JOURNALISM

One Trimester

Grades 11-12

Prereq: English 10A & 10B

Students will create a weekly broadcast of school and community news. The course provides students with the knowledge and skills to produce broadcast programs and learn the technical aspects of the operation and how to evaluate programming and assess audience reaction and impact. The course objectives will be similar to the requirements for 11th and 12th grade English electives. The class also contributes content to the Bobcat Beat and yearbook.

SPORTS JOURNALISM

One Trimester

Grades 11-12

Prereq: English 10A & 10B

This course provides students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine or other printed publication. Students may gain experience in several components of writing, editing, layout, production, and so on. This course is the primary sports content driver to the Bobcat Beat. The course objectives will be similar to the requirements for 11th and 12th grade English electives with an emphasis in journalistic writing and reading of informational texts.

YEARBOOK

Two Trimesters - Must take it both trimesters

Grades 10, 11, 12

Prereq: Teacher Approval

Credit: One English elective credit awarded at end 2nd trimester.

This class produces the yearbook. Course work includes art work, layout design, copy writing, photography, and selling advertisements.

Journalistic English (Part of ES Course)

1st Trimester (periods 2 through 5)

Grade: 11, 12

Fee: Fee Associated

Credits: Intro to Stats, Env Science, A/B, Journalistic English,

Pre-requisites: Application

See Science Classes section for description.

College Courses (AP & College Courses)

ENGLISH 1101: COMPOSITION

One Trimester

Grade 11, 12

3 Cllg Credits at ISU (\$225 Payable by AO)

Fee: Cost of Books

Prereq: ACT Score of 18 or higher/SAT score of 26-31 or a GPA of 2.5 or higher

This dual enrollment course fills an English elective credit for high school graduation AND 3 credits through Idaho State University. Students read, analyze and write expository essays for a variety of purposes consistent with expectations for college-level writing in standard edited English.

ENGLISH 102: COMPOSITION

One Trimester

Grade 12

3 Cllg Credits at CSI (\$224 Payable by AO)

Fee: Cost of Books

Prereq: English 1101: Composition

This dual enrollment course fills an English elective credit for high school graduation AND 3 credits through CSI. It **must** follow English 1101. This course prepares students to read expository and argumentative prose written from a variety of perspectives and write argumentative/persuasive prose based on those readings. Students must receive college credit to take this course. Scholarships for tuition are available

ENGLISH 1175: INTRO TO LITERATURE

One Trimester

Grade 11, 12

3 Cllg Credits at ISU (\$225 Payable by AO)

Fee: Cost of Books

Prereq: English 10A & 10B

This dual enrollment course fills an English elective credit for high school graduation AND 3 credits through Idaho State University. This course is an introduction to the critical reading of various literary genres, with attention to the interpretation and evaluation of representative texts. Students must receive college credit to take this course. Scholarships for tuition are available.

ENGLISH 1115: THEMES IN LITERATURE AND MEDIA

One Trimester

Grade 11, 12

3 Cllg Credits at ISU (\$225 Payable by AO)

Prereq: English 10A & 10 B

By comparing nostalgic familiarity of folk and children's stories with actual origins and motivations of the same stories, a critical reader can identify how the Disney formula reflects and/or shapes the perception of societal values & biases as well as views towards gender & race. Further, recognizing this approach and message in both historical and modern works allows readers to accept, reject, or alter these perceptions, values, and biases as a way to inform social and personal perceptions.

AP/CLLG LANGUAGE AND COMPOSITION

Two Trimesters

Grade 11,12

3 Cllg Credits Per Tri at CSI (\$225 per tri payable through AO)

Fees: \$25 Class Fee, \$95 Exam Fee

Prereq: English 10A & 10B and 1st

Trimester Extension work

AP Language and Composition is for students who are highly capable in English and who are willing to do extensive reading and writing. Students will read and carefully analyze a broad and challenging range of nonfiction prose selections, deepening their awareness of rhetoric and how language works. This is a college level course designed to help prepare students for college level writing and to earn college credit by passing the AP exam. *The AP Language and Composition* program includes first trimester extension assignments and two trimesters of class work. The extension program is part of the course work and will be included in the course work grades.

AP LITERATURE AND COMPOSITION

Two Trimesters

Grade 11-12

Fees: \$25 Class fee, \$95 AP Exam Fee

Prereq: English 10A & 10B & 1st

Trimester Extension Work

AP Literature and Composition is for students who are highly capable in English and who are willing to do extensive reading and writing. Students will read and carefully analyze a broad and challenging range of English literature,

deepening their awareness of literary craft. This is a college level course designed to help prepare students for college level reading and writing and to earn college credit by passing the AP exam. The *AP Literature and Composition* program includes first trimester extension assignments and two trimesters of class work. The extension program is part of the course work and will be included in the course work grades.

SOCIAL STUDIES

Lucas Ingram, B.A. BYU, M.A. Grand Canyon
Zach Lambson B.S. BYU-I
Jonathan Chavez, B.S. BYU-I
David Reeser B.S., M.S. Boise State
Laurene Woolf B.S. ISU
Dan Stewart, B.S. BYU-I

UNITED STATES HISTORY A

One Trimester

Grade 11

This history class begins with the causes of the Civil War through America's rise in industrial power and its entry into the world scene - concluding the semester with World War I and the Treaty of Versailles.

UNITED STATES HISTORY B

One Trimester

Grade 11

This section of U.S. History investigates issues and controversies from the 1920's through the present, emphasizing major themes impacting our world today - the Great Depression/New Deal, World War II, Cold War, Vietnam War, etc.

U.S. GOVERNMENT A

One Trimester

Grade 12

This class identifies the foundations of the American governmental system and basic constitutional principles (civil and criminal rights). An in-depth coverage of political behavior and the importance of participation in state and federal government will be covered. A portfolio and projects will be required.

U.S. GOVERNMENT B

One Trimester

Grade 12

This class covers the three branches of government (Legislative, Executive, and Judicial). A portfolio and a class project will be required. Project Citizen is a required element of this class and fulfills the state senior project requirement.

FORGOTTEN U.S. HISTORY

One Trimester

Grades 10, 11, 12

The fascinating facets of American History that time, the curriculum, and society deems of little account. Units include criminals and social conditions; explorers and inventors; music; and Indians.

HOLOCAUST/HUMAN RIGHTS

One Trimester

Grades 11, 12

This class will examine how discrimination and racism flourished in a democratic society and how this culminated in the Holocaust. Specific topics will include Nazi Ideology, antisemitism, racism, the rise of Hitler and the Nazi's to power, Ghettos, Concentration Camps, Allies/Rescuers, and Liberation. Other past and present human rights issues will also be examined, highlighting the need for humane citizens of the U.S. and humane citizens of the world.

COLLEGE COURSES

COLLEGE HISTORY 118/FILM STUDIES

One Trimester

Grades 10, 11, 12

3 Cllg Credits at ISU (\$225 payable through AO)

The film studies/history 118 class has been designed to teach students the rudiments of film criticism and understanding plot, theme, analysis, and aesthetic quality. Some of our look at films will be in a historical context as well, given how important the development of film is to an understanding of film in general. It will also teach you rudiments of film making.

COLLEGE PSYCHOLOGY 101

One Trimester Taught 0 Hour

Grades 10, 11, 12

3 Cllg Credits at CSI (\$225 payable by AO)

Fee: Cost of Book

Psychology is the scientific study of thinking, emotion, and behavior. This course introduces students to the diverse research areas of psychology such as psychobiology, motivation, learning, cognitive and social processes, personality, and abnormality, emphasizing empirical findings of the discipline.

AP WORLD HISTORY

Three Trimester Course

Grade 10

Fee: \$25.00 and \$95 AP Exam Fee

In this course students will study the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

AP/COLLEGE U.S. HISTORY 1111/1112

Three Trimesters

Grade 11

3 Cllg Credits per class at ISU (\$225 per class payable by AO Funds)

Fee: \$25 Class Fee; \$95 AP Exam

Prereq: See Mr. Ingram

This is an accelerated course for top junior history students. Extensive reading and written reports will be required along with more homework than in regular classes. This course will cover the history of the United States from the explorations to the current day. Students will be prepared to take the AP test in May which will give them up to 6 college credits. Colleges also weight this class on the transcript and the class will be weighted for valedictorian and salutatorian status.

AP/COLLEGE US GOVERNMENT/POLY SCIENCE A, B (POLY SCI 101 AND 102)

Two Trimesters

Grade 12

3 Cllg Credits per class at CSI (\$225 per class payable by AO)

Fee: Constitution Booklet, \$25 Class Fee, \$95 AP Exam Fee

The AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes. Extensive projects, readings and studies outside of class will be required.

BUSINESS & COMPUTER APPLICATIONS

Erick Wills, B.S. Univ of Phoenix, M.S. WGU

Jennifer Barzee, B.S. BYU

Wendi Miskin, B.S. BYU-Idaho

Administration Services Pathway

***Excel OR Business 1 > Forensic Accounting A OR Business 1 OR Marketing Economics (Mr. Wills) > Business 2**

Business & Marketing Finance Pathway

***Excel OR Business 1 > Forensic Accounting A > Forensic Accounting B**

BUSINESS 1

One Trimester

Grades 10, 11, 12

Fee: \$5

Explore industries, careers, salaries & trends, earn a Microsoft Office Specialist Certificate in PowerPoint, identify career goals, make a plan and resume, use software applications for documents, spreadsheets, & presentations, develop a business model/innovative product concept for the Rexburg Young Entrepreneur Contest, and create a marketing strategy for a product, business or nonprofit organization (ads, website, logo, survey). Students are encouraged to join the BPA club.

BUSINESS 2

One Trimester

Grades 11, 12

Fee: \$5

Prereq: Successful completion of one Business Course

This advanced and comprehensive course is the last course in the Business Administrative Services Pathway. Students develop proficiency in 18 standards including: Business Communications, Law, Ethics, Technology, Equipment, Operations, Database and Customer Relations. The learning is project based and self-directed. Students will develop a semester long portfolio as the final project.

FORENSIC ACCOUNTING A & B

Two Trimesters

Grades 11, 12

Fee: \$5 Lab

Forensic Accounting includes learning ethics, law, and accounting to identify financial fraud. You will learn how to analyze and organize transactions by businesses and investors. You will use Mindtap to complete assignments online. Enroll in both Accounting A & B to be eligible for college credit with College Eastern Idaho upon successful completion course and exams.

Accounting A: Perform accounting activities using Excel, investigate fraud, understand accounting process/concepts for small business owners, business ethics and careers in Accounting , use General Journal and Ledger to create and interpret financial statements

Accounting B: Perform accounting activities for a corporation that sells merchandise, learn about payroll, depreciation, stock, dividends, and financial ratios. Students will complete accounting procedures using Special Journals and Subsidiary Ledgers along with create and interpret corporate financial statements. Students are encouraged to join the BPA club (Business Professionals of America).

MICROSOFT WORD

One Trimester

Grades: 10, 11, 12

Fee: \$5.00 Lab

Earn a Microsoft Office Specialist Certificate in Word, improve touch typing speed, accuracy & technique, learn document formatting & production skills. Students will

learn correct terminology and practice Microsoft Word to prepare for the certification test. While technique is primary, speed and accuracy is an integral part of the course. Students are encouraged to join the BPA club (Business Professionals of America).

MICROSOFT EXCEL

One Trimester

Grades: 10, 11, 12

Lab Fee: \$5.00

Earn a Microsoft Office Specialist Certificate in Excel, use Excel formulas and functions and develop charts and graph. Students will input, organize and analyze data, learn excel formatting, shortcuts & tricks. Students will learn Microsoft Excel terms as they prepare for the certification test. This course includes a review of keyboarding where technique, speed, and accuracy will improve. Students are encouraged to participate in (BPA) Business Professionals of America.

WEB DESIGN & DEVELOPMENT I

One Trimester

Grades 10, 11, 12

Fee: \$5.00

Students will become proficient in HTML 5 (HyperText Markup Language) and CSS (Cascading Style Sheets), the basic web design languages. Students will learn best practices in Web Design and create a personal interest website as a final project.

WEB DESIGN AND DEVELOPMENT II

One Trimester

Grades 10, 11, 12

Fee: \$5.00

Prereq: Web Design & Development 1

Students will build on previous knowledge of HTML5 and CSS and learn about interactive elements using PHP. Topics will also include font, video, and map embedding, responsive layouts, accessibility, and forms. Students will use industry standard tools to design and launch a website redesign project.

WEB DESIGN AND DEVELOPMENT III

One Trimester

Grades 11, 12

Fee: \$5.00

Prereq: Web Design 2

In this capstone class students will design, develop, and launch a personal portfolio blog demonstrating advanced application of web design principles. Basic marketing, business, and workplace skills will be taught and practiced. Students will prepare for and take the Microsoft Technical Associate Certification for HTML and CSS. Special topics will include e-commerce, databases, and WordPress.

ECONOMICS

One Trimester

Grades: 12

This senior class is required for graduation. Students will learn about the free enterprise system, market structure, consumerism, supply & demand, money and banking, insurance, credit, and taxation.

SPORTS AND ENTERTAINMENT

MARKETING

One Trimester

Grade 10, 11, 12

This is an introductory course which will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events. The areas this course will cover include basic, target, sports, and event marketing plans. This course will also delve into promotions, sponsorships proposals, and the key elements needed in sports marketing plans. This course is taught in a computer lab and will be web based.

FAMILY and CONSUMER SCIENCES

**Kelsey Shumway B.S. BYU-Idaho
New Teacher**

PARENTING AND CHILD DEVELOPMENT

One Trimester

Grades 10, 11, 12

Fee: \$6.00 - Pre-school and labs

This course is full of hands-on learning activities, guest speakers, and the real care computerized infants! Content includes positive parenting practice, parenting styles, child abuse, birth defects, reproduction, prenatal development, pregnancy, and labor/delivery. This course is designed to strengthen parenting and guidance skills, positive family relationships, safety, and health practices.

PRESCHOOL & EARLY CHILDHOOD

One Trimester

Grades 10, 11, 12

Fee: \$6.00 - Handouts and project materials

Students will explore careers related to young children and conduct a six-week preschool lab with fifteen 3-5 year olds. Topics emphasized throughout the trimester are employability skills, preschool set-up, health and safety, nutrition, child development theories, and developmental stages of children.

ELEMENTARY INTERN

One Trimester

Grades 11, 12

Prerequisite: Parenting and Child Development

This class provides an opportunity to interact with children and assist in teaching while supporting a classroom teacher in the elementary class setting at Burton Elementary. Students will observe classroom situations while working one-on-one with children. They will get to work in small and large groups and follow and support the classroom teacher's instructions and activities. Students who take this course will be eligible to receive a Paraprofessional certificate to use for future employment opportunities.

ADULT LIVING AND DATING

Grades 10, 11, 12

One Trimester

Fee: \$10.00

This curriculum focuses on issues to prepare you for the real world, dating healthy and unhealthy relationships, practice communication skills, careers, and the chance to experience some food planning and preparation skills. Some eating and healthy lifestyle topics will be included. Guest

speakers and classroom activities are part of this exciting and practical class. Come learn tools that will help you for the rest of your life.

FASHION DESIGN AND SEWING

One Trimester

Grades 10, 11, 12

Fee: \$10.00

This course introduces students to the world of fashion. Student's will have an opportunity to design and explore creativity while developing sewing skills. Topics include fashion awareness, design principles and elements, careers and sketching. Sewing projects include: Quillows, aprons, joggers, sweatshirts, drawstring bags, and more! Some projects are selected on an individual basis according to a student's interest and skill level.

INTERIOR DESIGN

One Trimester

Grades 10, 11, 12

Fee: \$15 Lab Fee

This course provides students with practical information about planning, building, purchasing, and designing a home. Students will get an overview of the profession and career opportunities as they explore the interior design process, including space and planning, furniture arrangements, material and sample selection, and the development of presentation boards.

NUTRITION AND FOODS

One Trimester

Grades 10, 11, 12

Fee: \$35.00

This course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy lifestyle. Attention will be given to the selection and preparation of food, meal management, knife skills, cooking methods and techniques. Quick and creative meal planning and preparation will be a focus. Students will participate in food labs and demonstrations along. Emphasis will be placed on personal health and well-being. Food is a big part of this class so come prepared to eat and dine with your friends and classmates. Enjoy a party in your mouth and a fun time while you learn the tricks and tips of food preparation.

INTERNATIONAL CUISINE

One Trimester

Grades: 10, 11, 12

Fee: \$45

Taking this course will help you dine and eat well as you discover that delicious food is made all over the world and every region has its own characteristic. This International cuisine class will explore the styles of cooking practices and traditions of meals in a specific region or country from Latin America, Asia, Indian, and Mexican Cuisine. Emphasis is placed on the creation of menus, assembly of ingredients, cooking methods, and presentation techniques. Good food is of interest to everyone and learning about international cuisine will be even better. Come and enjoy the unique tastes of countries. Each day will be a celebration of foods around the world.

CULINARY ARTS 1

One Trimester

Grades 10, 11, 12

Fee: \$45

This course is designed to teach students some of the kitchen skills and techniques necessary for proper and efficient food production and careers in the food service/culinary industry. Skills taught include knife skills, building good soups and sauces, pasta dishes, rice cooking, sandwiches, and we can't forget about the desserts. A Food Handlers Permit will be part of this class to prepare for future work in the world of food. You will be involved in preparing food for a food truck simulation in a class event. This experience and food will be shared with other students at MHS. Field trips, in-class food labs, will be a part of this class. Don't miss out on the best class ever!

CULINARY ARTS 2

One Trimester

Grades 11, 12

Fee: \$35.00

Prerequisite: Nutrition and Foods, International Cuisine, or Culinary Arts 1

This course emphasizes skills necessary for careers in the food service/culinary industry. We will be exploring catering opportunities, visiting some restaurants, learning and participating in food prep skills and entrepreneurship. Students will be part of learning about baking pastries, breads,

authentic pizza, cookies, and other desserts. A Food Handlers Permit will be awarded after completing a Food Safety and Sanitation section. Field trips, in-class food labs, guest speakers and The Bobcat Bakery along with creating a business to market a product will bring excitement and involvement in this fun, hands on class setting. Come and be part of a great class where food and fun are an everyday occurrence!

COMMUNICATIONS

Steve Barrus B.A. BYU, M.A W
Sterling Willford B.S. BYUI, MSE. ARKANSAS
UNIVERSITY

INTRO TO SPEECH

One Trimester
Grade 10, 11, 12

Students study the communication process and practice communication skills through prepared and unprepared speeches. Students will engage in simple peer reviews and collaboration to improve their skills.

This class serves as a pre-requisite for students taking Advanced Speech or Advanced Debate. These students are eligible to compete with the Speech and Debate Team.

INTRO TO DEBATE

Debate will count as a speech credit

One Trimester
Grades 10, 11, 12

Students will learn the basic principles of debate theory. They will learn researching, writing, organizing, analyzing, critical thinking, and communication skills. This class serves as a prerequisite for Advanced Speech or Advanced Debate. These students are eligible to compete with the Speech and Debate Team.

ADVANCED DEBATE

One Trimester
Grades 10, 11, 12

Prereq: Intro to Debate, Intro to Speech, or Teacher Approval

Fee: \$50 Travel Fee; \$50 Participation Fee (students enrolled in Adv Speech & Adv Debate only pay this fee once annually). In addition to team fees, students will need to provide their own food at tournaments; students competing at overnight tournaments will need to pay a hotel fee (usually \$30).

Coursework includes research, writing arguments, and study of the 6 debates styles incorporated in NSDA competition. These students are eligible to compete with the Speech and Debate Team. Additionally, students in this class will fill a mentor role for students in Intro to Debate. This will include assistance developing cases, practice debates, and serving as judges for debates between students in the intro classes.

ADVANCED SPEECH

One Trimester
Grades 10, 11, 12

Prereq: Intro to Speech, Intro to Debate or Teacher Approval

Fee: \$50 Travel Fee; \$50 Participation Fee (students enrolled in Adv Speech & Adv Debate only pay this fee once annually). In addition to team fees, students will need to provide their own food at tournaments; students competing at overnight tournaments will need to pay a hotel fee (usually \$30).

Coursework includes research, writing, and presenting speeches, and study of the 14 speech events sanctioned by the IHSAA. These students are eligible to compete with the Speech and Debate Team. Additionally, students in this class will fill a mentor role for students in Intro to Speech. This will include demonstrating speeches, providing peer reviews before students present to the whole class, and helping students develop speech ideas and skills.

PERSONAL LEADERSHIP SKILL DEVELOPMENT

Counts as Speech Credit
Grades 10, 11, 12

A course designed to develop agricultural leadership skills. This course includes parliamentary procedure, public speaking, job

interview, sales and communication skills. **(Recommended for all students involved in the Agriculture program)**

COLLEGE COURSE

FUNDAMENTALS OF ORAL COMM 101

One Trimester

Grade 10, 11, 12

3 Cllg Credit at CSI (\$225 Payable by AO)

Fee: Textbook Rental: \$25.00

This college course has two broad goals: 1. To provide students with an understanding of human communication and 2. To help students utilize improve communication and public speaking skills. This course studies Public Communication, Listening, Group Communication, Nonverbal Communication, and Computer-Mediated Communication. This course fills the Madison High School speech requirement. Students must receive college credit to take this course.

FOREIGN LANGUAGE

Sherri Hillier B.A. BYU
New Teacher
New Teacher

Many major universities require or highly recommend two years of the same foreign language study for university admittance. The University of Utah has this requirement. BYU also recommends two years of foreign language.

FRENCH I

Two Trimesters

Grades 10, 11, 12

Prereq: "C" or better in previous English Classes

Students will learn the fundamental elements of the French language within a cultural context. Emphasis is on the development of basic listening, speaking, reading, and writing skills. Students will learn the fundamental structures of the language by engaging in class discussions, brief conversations, directed dialogues, etc. Short reading passages,

aural comprehension, writing activities and grammar are integral components of this course.

FRENCH II

Two Trimesters

Grades 10, 11, 12

Prereq: French I with a "C" or better grade and C or better in previous English Classes

Second year French provides a review and expansion of the fundamental elements of the French language within a cultural context. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Exploration of francophone culture will continue through various activities and presentations. Instruction and communication in the target language will increase significantly at this level of language acquisition.

COLLEGE FRENCH

Three Trimesters

Grades 11,12

8 Possible Cllg Credits at CWI (\$600 Payable through AO)

Prereq: French 1A & 1B or Teacher's Approval (French 2A & 2B Recommended)

Emphasis leads towards the development and application of French vocabulary and grammatical structures. Course objectives focus on learning, improving and expanding communication skills by speaking, listening, reading, and writing in French. Instruction and communication in French will progressively increase throughout the duration of this course. Students who take this course for College Credit can earn up to 8 credits through CWI. **Students must commit to all 3 trimesters.**

SPANISH I

Two Trimesters

Grades 10, 11, 12

Prereq: "C" or better in previous English Classes

Emphasis is on pronunciation, comprehension, speaking, vocabulary, some writing of the Spanish language, and learning basic structures of the language. Spanish is spoken extensively in the classroom with English explanations when necessary.

SPANISH II

Two Trimesters

Grades 10, 11, 12

**Prereq: Spanish I with a "C" or better grade
And "C" or better in previous English Classes**

More emphasis is on pronunciation comprehension, speaking, vocabulary, some writing of the Spanish language, and learning the fundamental structures of the language. Spanish is spoken extensively in the classroom with English explanations when necessary.

COLLEGE SPANISH

COLLEGE SPANISH 1101-1102

Three Trimesters

Grades: 10, (parent permission) 11, 12

**Prereq: Spanish 1A & 1B or Teacher's
Approval (Spanish 2A & 2B Recommended)**

8 Cllg Credits Possible (\$600 Payable by AO)

This class is intended to teach students basic communication skills and grammatical structures in Spanish and to acquaint them with the culture of the Spanish-speaking countries. *Students must commit to all three trimesters. IF students drop out of the course prior to completing all three trimesters, they may be charged a \$91 book rental fee.*

GENERAL CLASSES

Faculty from Various Departments

OFFICE, LIBRARY, TEACHER AIDE

One Trimester

Grades 10, 11, 12

Prereq: Complete Application

Student assists staff members. Students will need to be able to follow instructions, show initiative, and be willing to do routine tasks. They must be dependable, punctual, and trustworthy. Applications can be picked up in the Counseling Center.

BUSINESS OCCUPATIONS/CAREER EXPLORATION

Grade 12 only

Students must have a job prior to signing up for this class. Students may take up to 6 credits of this class, but only two periods a trimester. Students must work 60 hours per credit they receive, and also do the required paperwork to pass this class.

JAZZ DANCERS/FLAG TEAM

One Trimester

Prereq: Audition and Instructor Approval

Perform, compete, and travel with the Marching Band. Use of flags while performing required.

PEER TUTORING

Three Trimesters (up to 3 trimesters)

Grades 10, 11, 12

Prereq: Complete Application

Students work with disabled students under Mrs. Perry's direction. They should work well with others and be self-directed. You can only have one Peer Tutoring class a trimester.

STUDY HALL

One Trimester

Grades 10, 11, 12

This is a chance to get your homework done or mostly done while still at school. **To be in this class, you must have at least two core subjects in your schedule.** Class is held in a regular classroom and the teacher takes roll, but isn't expected to help you with your work.

RELEASED TIME-CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS

Two Trimesters

Grades 10, 11, 12

There is no credit given for this class, but you are given released time from school to receive seminary instruction from the LDS Church. Parents must have a signed released form on record with the seminary. Once you sign up for released time, you must complete the course.

HEALTH AND P.E.

**Chandler Rhoads, B.S. Univ New Hampshire,
M.A. Mount Aloysius College
Emily Grover, B.S. BYUI
Travis Jensen B.S. ISU, M.S. U of I
Brian Jones B.S. BYUI**

HEALTH

One Trimester
Grade 10, 11, 12

This course prepares students to understand basic principles of physical, emotional, social and mental wellbeing. Topics will include the study of body systems, nutrition, physical fitness, drugs, first aid, and emergency procedures. A health class is required for graduation.

SPORTS LEADERSHIP

One Trimester
Grades 10,11,12

This class will cover all aspects of leadership within sports including players, coaches, and administration. Topics of discussion will include current trends and issues within sports today as well as organization, budgeting, communications styles, and conflict resolution.

CERTIFIED NURSE ASSISTANT (CNA)

One Trimester
Grade 11, 12

Fee: Fees vary. See Counselor

This class will be taught thru CEI at the Health Complex building on the northeast side of Rexburg. Students must provide their own transportation. This is a course for juniors and seniors interested in a medical field career. Students earn a state certificate in Nurse Assisting. Many medical programs are beginning to require this certification to enter their programs. Students are certified in Emergency Response (including advanced first aid and CPR for the professional rescuer, working with oxygen, and AIDS prevention). Students will learn basic patient skills, medical terminology and includes 40 clinical hours in a medical setting.

PHYSICAL EDUCATION CLASSES

Students must have separate athletic type shoes which will be marked as P.E. shoes. No street shoes will be allowed. It is recommended that only one PE class per trimester be taken.

LIFETIME P.E.

One class per trimester
Grades 10, 11, 12
Fee: \$40.00

Students will be pre and post tested for basic fitness. Course will include activities that promote and improve fitness and wellness physically, mentally, and socially. Activities will include ultimate Frisbee, volleyball, floor hockey, indoor soccer, softball, basketball, kickball, etc. Indoor and outdoor games will be played according to season on the school grounds.

SPORTS & FITNESS

Grades 10, 11, 12
Fee: \$5.00

Students will be pre and post tested for basic fitness. Course will include activities that promote and improve fitness and wellness, physically, mentally, and socially through various lifetime sports. Different activities will be emphasized in the Fall and Spring depending on the weather: FALL - field games, golfing, bowling
SPRING - golfing, softball, bowling, indoor sports

BODY SCULPTING – GIRLS ONLY

One Trimester
Grades 10, 11, 12
Fee: \$5.00

This class is designed to help students get into optimum shape through aerobic exercise, weight training, jump rope, and nutritional education. Students develop their own personal fitness plan.

POWER TRAINING

One class per trimester
Grades 10, 11, 12
Fee: \$5.00

This class is structured for those who want to increase speed and explosive abilities. Students will be doing sprint drills, plyometrics, and lifting.

LIFETIME PE 2

One Trimester

Grades 10, 11, 12

Prereq: Tryouts and Instructor Approval

Fee: Each sport has its own fees.

These can range from \$120 - \$900. See coaches for amount. This class is for those students who will play on the following school varsity teams: basketball, volleyball, wrestling, baseball, cross-country, softball, track and golf. DO NOT register for this class until after tryouts are completed.

CHEERLEADING

Two Trimesters

Grades 10, 11, 12

Fees: Vary

Prereq: Tryouts/Instructor Approval

This class is for the students who have been chosen as cheerleaders. There are fees involved for uniforms, camps, etc.

BOBCADETTES/DANCE TEAM

Two Trimesters

Grades 9, 10, 11, 12

Fees: Vary

Prereq: Tryouts/Instructor Approval

The Bobcadettes participate in half-time activities, drill team contests, parades, clinics, and assemblies.

There are also various fees involved.

JAZZ DANCERS/FLAG TEAM

First Trimester – 0 hour and 1st period

Grades 10, 11, 12

Fee: \$50 travel/participation plus cost of uniform, trips, and activities.

Prereq: Audition and Instructor Approval

This group performs, competes and travels with the Marching Band throughout our region. In addition to Marching Band Competitions, they also support high school football games. Summer band camp and extra rehearsals will be required for this group. The class will rehearse for a two class period block, 0 hour (includes early morning rehearsals and summer rehearsals) and 1st hour. Use of flags and props while performing is required.

FINE ARTS

James Lauritsen B.F.A., USU

Jennifer Walters, LOS Photography

Robert Hibbard B.S. U of Utah, M.S. USU

David Hinck B.M. USU, M.M. BYU

Doug Hansen B.M. BYU-I, M.M. Kent State
University

ART

INTRODUCTION TO ART

One Trimester

Grades 10, 11, 12

Fee: \$20.00 and supplies can range from \$50-80.

Introduction to Art is an exploration class for first time art students. This class will explore different mediums, movements, and artists. The focus will be on art elements and principles. In this project based class, students will complete a variety of assignments including a sketchbook. This class is the prerequisite for the Advanced Art and Painting classes.

ADVANCED ART

One Trimester

Grades 10, 11, 12

Fee: \$50.00

Prerequisite: MHS Introduction to Art

Advanced Art is offered to all students who have completed the Introduction to Art class and want to further their art skills. This class will focus on a more in depth study of art, including art history, principles and elements, and creativity. Critiquing and creating work that is ready to show will be emphasized. Students should be prepared to spend a great deal of time working on a term project of their choice. This class will provide students who want to continue in art several portfolio pieces.

INTRODUCTION TO CERAMICS

One Trimester

Grades 10, 11, 12

Fee: \$40.0 - a set of tools included in the fee.

This class is an introduction to ceramics and is for first time ceramic students. We'll learn a variety of techniques, including hand building, wheel throwing, sculpture, and glazing processes, and the history of ceramics. Several projects will be completed. This class is the prerequisite to the Advanced Ceramics class.

ADVANCED CERAMICS

One trimester

Grades 10,11,12

Fee: \$40

Prerequisite: Introduction to Ceramics

Advanced Ceramics is for students who have already taken the Introduction to Ceramics class and would like to improve their skills. This class will focus on furthering proficiency on techniques, particularly on wheel throwing and sculpture. Students will be required to complete a term project for this class.

PAINTING

One Trimester

Grades 10, 11, 12

Fee: \$40.00 which covers paper, ink, washi paper, etc. Supplies cost around \$100-130.

Prerequisite: MHS Introduction to Art

Painting is offered to all students who have completed the Introduction to Art class. This class will focus on painting techniques and processes. It will be an in depth study of color including color theory. We'll also focus on composition and the elements and principles of design. We'll explore a variety of painting mediums, artists and styles.

PHOTOGRAPHY

MEDIA TECHNOLOGY FUNDAMENTALS

One Trimester

Grades 10,11,12

This is a basic graphic design class where students will learn the fundamentals of design and work with Adobe programs.

PHOTOGRAPHY 1

One Trimester

Grades: 10, 11, 12

Fee: \$31.00

Entry level 1 trimester course designed to introduce Visual Media. Students will use photography to learn and understand the elements and principles of art and design. This course builds a foundation for visual literacy regarding both form and content of photographic images. Students learn to examine images critically through weekly critiques. Digital processing and computer competency is taught through the use of Adobe

Lightroom and Photoshop. Other Adobe programs will be introduced. This class is required to continue on in the advanced photography classes and suggested for participation in Broadcasting, Newspaper, and Yearbook. This class is open to sophomores and juniors and will require **3-4 hours of homework each week.**

PHOTOGRAPHY 2

Three Trimester

Grades: 11, 12

Fee \$31.00 per trimester

Prerequisite: Photo 1 or Media Tech Fund

This is a 3 trimester long course. Each trimester focuses on different aspects of technology and photography. Students will learn camera settings for greater creative and technical control. Various lighting techniques will be taught and the beginning use of off camera flash. Students wishing to continue on with this course will need access to a DLSR with a detachable lens capable of shooting in manual mode. Students will continue to learn Photoshop and prepare to complete Certification in Adobe Photoshop. Basic marketing skill and soft work place skills will be taught and practiced. There is an extra time commitment required. This class is open to juniors and seniors who have successfully completed the Photography 1 class.

PHOTOGRAPHY 3

Grades: 11, 12

Fee: \$31.00 per trimester

Prerequisite: Photography 2

This is an advanced 3 trimester class. Students will learn working with potential clients, building their portfolio, and marketing skills to become successful after high school. Adobe Certification will be offered for all Photo 3 students in Photoshop, Illustrator, and Indesign. Independent study and mentoring will be expected. Students will be encouraged to find their style, purpose and how to work both independently and with other photographers. This final semester is dedicated to the Senior Show. This is a themed project showcasing the creative work of the individual student. **There is a time commitment outside of class**

DRAMA

DRAMA A

One Trimester

Grades 10, 11, 12

Students will study the history of acting and the elements of acting including voice and body movement, character development and basic stagecraft. Students will participate in theater games, pantomime, reading plays and plot analysis, a makeup workshop, and will perform scenes for the class, and a one-act play for parents and other students.

DRAMA B

One trimester

Grades 10, 11, 12

Drama B students will be introduced to directing techniques, and a more thorough study of technical theatre in lights and sound. Students will prepare and perform a monologue and direct a fellow student in a monologue. Students will also prepare a set project, taking over the job of director and producer as if they were preparing to do a play.

The project includes a model

DRAMA C

Offered One Trimester - Spring

Grades 10, 11, 12

Prereq: Teacher Permission

Students will study the art of acting including characterization, costuming, make-up, and the fundamentals of directing and technical theater. Students will perform Shakespearean scenes, prepare two audition monologues, a professional theatre portfolio, as well as prepare a more distinguished one act play for production.

TECHNICAL THEATER A

One Trimester

Grades 10, 11, 12

Students will learn the fundamentals of set construction, lighting techniques and sound mixing as it pertains to theatre productions. They will also study props and understand their uses and design and build a set for the beginning and/or intermediate drama classes. Students will also act as the managerial crew for events scheduled in the

auditorium and have opportunities to act as technicians for same events.

TECHNICAL THEATRE B

One trimester - Spring

Grades 10, 11, 12

Prerequisite: Tech Theatre A/instructor's approval.

Technical theatre B/C will design and build the set for the drama department's spring production. Advanced tech students (C) will train those who have had one trimester of technical theatre (A) under the guise of the director. This class requires after school time two to three weeks prior to production. Students will also act as the managerial crew for events scheduled in the auditorium and have opportunities to act as technicians for same events.

TECHNICAL THEATRE C

One Trimester – Fall

Grades 11, 12

Prereq: Tech Theatre B or instructor approval.

Technical Theatre C is for the most advanced students in technical theatre. They will build the set, design the lighting and sound for the fall musical. This class requires time after school up to three weeks prior to the production. Students will also act as the managerial crew and technicians for events scheduled in the auditorium.

FILM STUDIES

One Trimester

Grades 10, 11, 12

The film studies class has been designed to teach students the rudiments of film criticism and understanding plot, theme, analysis, and aesthetic quality. Some of our films will be in a historical context as well, given how important the development of film is to an understanding of film in general. This is a college course and the curriculum and reading is more difficult.

COLLEGE COURSE

COLLEGE HISTORY 1118 (Film Studies)

One Trimester

Grades 10, 11, 12

3 Cllg Credits through ISU (\$225 Payable by AO)

History 1118 will focus on the impact of film on historical periods and how film does and does not

reflect on what happened in the history of the United States in a general way. Film is a huge cultural export in the United States but is also a major faire here at home in our leisure hours.

MUSIC (CHORUS)

MUSIC THEORY

One Trimester

Grades 10, 11, 12

Pre: Basic piano skills, instructor permission

This class is designed to provide students who excel in music and who are considering pursuing it further in college to get a basic understanding of music theory. It will cover basic music theory, simple arranging, composition, and electronic music techniques (if time and facilities permit). All students considering a music major should take this course. *This course is not for those who have no background in music skills. If you have questions, please contact Mr. Hinck before enrolling.*

TREBLE CHORUS (Girls Only)

One Trimester (First)

Grades 10, 11, 12

This is an open enrollment class for those who enjoy singing and will focus on a variety of music. You will be expected to demonstrate that you are actively applying skills and concepts learned in the class. Attendance at performances and rehearsals outside of class is required. You will also be expected to complete a term paper or present a solo as a final project each trimester.

MENS CHORUS

Three Trimesters (Can be repeated, it is not required but encouraged to take all three trimesters)

Grades 10, 11, 12

This is an open enrollment class for young men who enjoy singing and will focus on a variety of music. You will be expected to demonstrate that you are actively applying skills and concepts learned in the class. Attendance at performances and rehearsals outside of class is required. You will also be expected to complete a term paper or present a solo as a final project each trimester.

MUSETTES (Women's Chorus)

Three Trimesters - Third trimester is required plus at least one other trimester (Preference given to those who can be in all three trimesters)

Grades 10, 11, 12

Prereq: Audition

Fee: \$50 travel/participation fee plus cost of trips

This select women's chorus performs a variety of literature from classical to popular. The group participates in clinics, festivals, and contests. You will be asked to sing individually on occasion and will be expected to demonstrate that you are actively applying skills and concepts learned in the class. Attendance at performances and rehearsals outside of class is required. You will also be expected to complete a term paper or present a solo as a final project each trimester.

BEL CANTOS CHOIR

Three Trimesters - Third trimester is required plus at least one other trimester (Preference given to those who can be in all three trimesters).

Grades 10, 11, 12

Fee: \$50 travel/participation fee plus cost of trips and activities.

Prereq: Audition

This select mixed chorus performs a variety of literature from classical to popular. The group participates in clinics, festivals, and contests. You will be asked to sing individually on occasion and will be expected to demonstrate that you are actively applying skills and concepts learned in the class. Attendance at performances and rehearsals outside of class is required. You will also be expected to complete a term paper or present a solo as a final project each trimester.

VOCAL SPECTRUM

One Trimester's credit spread over three trimesters.

Grades: 10, 11, 12

Fee: Cost of trips and activities.

Prereq: Audition - Membership in another choir

A select group of 12 singers plus support personnel (sound technicians) specializing in music of a vocal jazz idiom. This group performs in all regular choir concerts as well as for private, business, and civic groups throughout the area. May tour or participate in festivals or competitions.

MUSIC (BAND)

Fee: All students will pay a \$50 participation fee prior to their first band class of the year. That fee is then waived for all additional band classes that year. The students are still responsible for the costs of trips and activities for the group in which they participate. One fundraiser is provided each fall to help students cover the costs.

BEGINNING BAND

First Trimester

Grades 10, 11, 12

Beginning band is for anyone who has never learned an instrument and would like to start or for anyone wanting to learn a secondary instrument. Chamber Ensembles will meet at the same time as beginning band and will work on solos, duets, trios etc...with other musicians. This class will largely be independent study with supervision from Mr. Klingler.

MARCHING BAND

First Trimester –0 hour and 1st Period

Grades 10, 11, 12

Fee: \$50 participation plus cost of trips/activities.

This group is the most visible band as they travel and perform regionally each fall. In addition to Marching Band Competitions, they also support high school football games. Summer band camp and extra rehearsals will be required for this group. The class will rehearse for a two class period block, 0 hour (includes early morning rehearsals and summer rehearsals) and 1st hour.

ADVANCED MUSIC TECHNIQUES

Available all Three Trimesters (3rd hour)

Grades 10, 11, 12

Prereq: Instructor Approval

This class is open to students with a specialized interest in an area of music. Suggested areas might be conducting, arranging, solo and ensemble playing, jazz improvisation, or composing and orchestration.

JAZZ BAND

One Trimester Credit

Grades 10, 11, 12

Fee: \$50 participation plus cost of trips/activities

Prereq: Audition or Instructor Approval

Students will receive one credit over 2nd and 3rd trimesters. Class will be held three days a week during zero hour. Credit can be obtained for interested students. If the group does travel, students will be required to pay travel costs. Membership is by audition with preference given to those who are in the Symphonic Band, Wind Ensemble or Percussion Class.

PEP BAND

One Trimester Credit

Grades 10, 11, 12

Fee: \$50 participation plus cost of trips/activities

This group plays at most major athletic events at the school and occasionally travels to away games. Students must attend 90% of performances to obtain credit.

SYMPHONIC BAND

Three Second and Third Trimesters

Grades 10, 11, 12

Fee: \$50 participation plus cost of trips/activities.

This band is for those who are preparing for Wind Ensemble experience. Band members develop their musical talent and perform a variety of music, especially the standard band literature. This band travels to festivals and programs throughout our region each spring.

WIND ENSEMBLE

Second and Third Trimesters

Grades 10, 11, 12

Fee: \$50 participation plus cost of trips/ activities.

This band is our top program and is only open to those who have demonstrated a high level of individual skill on their instrument. Members will develop their musical talent and perform a variety of music, especially the standard band and wind ensemble literature. This band travels to festivals and programs throughout our region each spring.

PERCUSSION ENSEMBLE

Two Trimesters (2nd & 3rd Tri. 3rd Period)

Grades 10, 11, 12

Fee: \$50 Participation Fee

Students will have performance opportunities with Drum Line, Percussion Ensemble, and Solo Material. Students will also perform with the Wind Ensemble and Symphonic Bands at concerts and festival throughout the year.

MUSIC (ORCHESTRA)

CONCERT ORCHESTRA

Three Trimesters

Fee: \$50 travel fee plus cost of trip/activities

Prereq: Prior experience & teacher approval

This class is usually made up of sophomores, but other orchestra students with schedule conflicts are also welcome. You will be asked to play individually on occasion and will be expected to demonstrate that you are actively applying skills and concepts learned in the class. Daily practice is required and attendance at performances and rehearsals class is required. The group performs in a variety of concerts, festivals, and tours annually. Students must provide concert attire.

SYMPHONY ORCHESTRA

Three Trimesters

Grades 11, 12

Fee: \$50 participation plus cost of trips/activities

This class is usually made up of juniors and seniors, but other orchestra students with schedule conflicts are also welcome. You will be asked to play individually on occasion and will be expected to demonstrate that you are actively applying skills and concepts learned in the class. Daily practice and attendance at performances and rehearsals outside of class is required. The group performs in a wide variety of concerts, festivals, and tours annually. Students must provide concert attire.

SPECIAL EDUCATION CLASSES

Preston Berry B.A. ISU, M. Ed. Grand Canyon Univ

Sheila Crittenden B.S. LCSW

Dianne Perry B.S. BYUI, M.Ed. Grand Canyon Univ

Miranda Hendricks B.S. BYU-Idaho

Payton Berry, B.A. Western Governors University

PATH WORK STUDY (Vocational Prep)

One, two, or three trimesters

Grades 11, 12

Prereq: Teacher Approval

Students are required to obtain employment and/or a job shadow experience. Close supervision of students is maintained along with job coaching when appropriate. The students are required to complete 70 hours of work/volunteer experience

per credit. Paid and non-paid jobs may be used to complete the course. This is an elective credit.

STUDY SKILLS LAB

One, Two, or Three Trimesters

Grades 10, 11, 12

Prereq: Teacher Approval/Placement

This course provides an opportunity for students to receive individualized tutoring in their core classes. It is designed to help students learn how to study and gives them the skills necessary to succeed in their regular classes. These count as elective credit.

NCAA APPROVED COURSES

MATH

Algebra 1A,1B
Algebra 2A, 2B, 2C
Honors Algebra 2/Trig A,B,C
Geometry A,B,C
College Algebra A,B
Pre-Calculus A,B
Elementary Statistics
Intro to Statistics
AP/Clg Statistics A,B

ENGLISH

English 9A, 9B
English 10A, 10B
English 11
English 12
College English 1101
College English 1102
College English 1115
College English 1175
AP English Literature and Composition
AP English Language and Composition
Journalistic English
Creative Writing
Lord of the Ring
Mythology
Poetry
Science Fiction
Shakespeare
US Literature
Modern Literature
British Literature

SPEECH

Speech
Intro to Debate
Adv Speech/Debate
Oral Communication 101

SCIENCE

Physical Science
Biology
Astronomy
Chemistry
Physics
Clg Environmental Science
Clg. Anatomy and Physiology
Natural Disasters/Clg Geology
Ecology/Natural Resources
AP/College Biology
AP Physic

SOCIAL STUDIES

World History
US History
US Government
Economics
Forgotten History
Holocaust/Human Rights
Clg History/Film Studies 1118
College Psychology 101
AP/Clg US History
AP/Clg Political Science/US Gov

LANGUAGES

Spanish 1
Spanish 2
French 1
French 2
College Spanish
College French

ADVANCED PLACEMENT COURSES

AP Calculus 1 – Grade 11, 12
AP Calculus 2 – Grade 11, 12
AP English Literature - Grade 11, 12
AP Language and Composition – Grade 11, 12
AP Biology – Grade 10, 11, 12
AP Government - Grade 12
AP Physics – Grade 11, 12
AP Statistics - Grade 11, 12
AP U.S. History – Grade 11
AP Computer Science – Grade 10, 11, 12
AP World History – Grade 10, 11, 12

DUAL CREDIT

Clg History 1118: Film Studies
Clg English 1101: Composition
Clg English 1102: Composition
Clg English 1110: Intro to Literature
Clg English 1115: Themes in Literature & Media
Clg Spanish 101-102
Clg French 101-102
Clg Algebra 143
Clg Calculus 1170
Clg Pre-Calculus 143
Clg Statistics 153
Clg Introduction to Programming 112
Clg Natural Disasters/Geology 104
Clg Biology 1101-1102
Clg United States History 1111-1112
Clg Environmental Science 120
Clg Political Science/ American Gov 1101-1102
Clg Psychology 101
Clg Anatomy and Physiology 2243
Clg Principles of Animal Science 109
Clg Oral Communication 101

