



Hamilton High School

Course Catalog

Revised 2015

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Hamilton High School

A Community of Learners - Maximizing Student Potential

MOTTO

“Opportunity, Growth, Success”

MISSION STATEMENT

As part of the educational community of Hamilton High School, we share the responsibility to:

be active, life-long learners;
promote self-worth;
grow as ethical citizens;
succeed in an ever-changing world.

WE BELIEVE

- PURPOSE:** Hamilton High School teaches students techniques to apply skills and knowledge in an ever-changing world.
- STUDENTS:** Students learn best in an active, enthusiastic environment where the subject matter is relevant to the student’s life.
- METHODS:** Learning is enhanced when instruction and assessment are designed to actively involve students in their own learning.
- RESPONSIBILITY:** Students, parents, educators and community members share the responsibility for education.
-

Non-Discrimination Policy

Hamilton High School shall provide equal educational opportunity and treatment for all students without regard to race, creed, color, national origin, sex, marital status, previous arrest or incarceration or non-program-related physical, sensory or mental handicaps.

We encourage students to explore and develop their individual interests in career, technical programs, and employment opportunities without regard to sex including encouraging students to consider and explore “nontraditional” occupations for men and women.

Equal opportunity and treatment shall be afforded to all students who desire to participate in curricular, co-curricular and extra-curricular activities and programs.

CLASS OF 2017 GRADUATION REQUIREMENTS

Graduation Requirements - .5 Credit = One Semester of a Passed Class
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Curriculum Area	Credits Required	Additional Information
English & Language Arts	4 Credits	English I, II, III, and IV are required
Mathematics	3 Credits	
Science	2 Credits	
Global Studies	1 Credits	9 th Grade
U.S. History	1 Credits	11 th Grade
American Government	1 Credits	12 th Grade
Health Education	1 Credits	Health I 9 th or 10 th , Health II 11 th or 12 th
Physical Education	1 Credits	1 Semester 9 th , 1 Semester 10 th
Career and Technical Ed. (CTE)	1 Credits	
Computer Class (Computer Applications)	.5 Credit	
Fine Arts	1 Credits	Art, Music, or Performance & Media Arts
Personal Finance	.5 Credit	11 th or 12 th Grade – START WITH CLASS OF 2017
Elective Credits	5 Credits	
Total Credits	22 Credits	

Additional Graduation Information:

- Students will be expected to meet the graduation requirements under the course catalog in which they begin their high school career.
- The District will not assign or admit a child who has reached his/her nineteenth (19th) birthday on or prior to September 10th of the year in which the child is to enroll unless approved by the principal and the school board.
- Students are required to take the necessary course work needed to stay “on line” for graduation. Exceptions are permissible only through written permission of the Principal.
- Only those students who have met Hamilton High School’s graduation requirements will be allowed to participate in the school’s graduation ceremony.
- Transfer credits, online course credits and correspondence course credits are acceptable only if taken from an institution accredited by a state and/or one of the nation’s recognized regional accreditation associations. Hamilton High School is accredited by the State of Montana and by the Northwest Accreditation Commission (NWAC).- a Division of AdvancEd. Students are expected to take courses offered by H.H.S. before attempting correspondence courses unless permission to do otherwise is granted by the Principal.

SAMPLE - COURSE PLAN

FRESHMAN YEAR		SOPHOMORE YEAR	
ENGLISH I		ENGLISH II	
MATH CLASS		MATH CLASS	
GLOBAL STUDIES		SCIENCE CLASS	
SCIENCE CLASS		WORLD LANGUAGE	
FRESHMAN P.E.	ELECTIVE/HEALTH I	SOPHOMORE P.E.	HEALTH I/ELECTIVE
FINE ARTS/CTE		FINE ARTS/CTE	
STUDY HALL or ELECTIVE	STUDY HALL or ELECTIVE	STUDY HALL or ELECTIVE	STUDY HALL or ELECTIVE
ELECTIVE		ELECTIVE	
JUNIOR YEAR		SENIOR YEAR	
ENGLISH III		ENGLISH IV	
MATH CLASS		MATH CLASS	
SCIENCE CLASS		SCIENCE CLASS	
U.S. HISTORY		AMERICAN GOVERNMENT	
HEALTH II /ELECTIVE	ELECTIVE	ELECTIVE/ HEALTH II	ELECTIVE
WORLD LANGUAGE	ELECTIVE	ELECTIVE	ELECTIVE
STUDY HALL or ELECTIVE	STUDY HALL or ELECTIVE	STUDY HALL or ELECTIVE	STUDY HALL or ELECTIVE
ELECTIVE	PERSONAL FINANCE	FINE ARTS/CTE	PERSONAL FINANCE

9th-11th graders are expected to enroll in a minimum of 7 classes per semester. 12th graders are expected to enroll in a minimum of 6 classes.

NCAA CLEARINGHOUSE ACCEPTED CLASSES

ENGLISH

Creative Writing
English I
English 2
English 3
English 3/AP

English 4
English 4/AP
Public Speaking
Short Stories
World Lit

SOCIAL STUDIES

American Government
AP U.S. History
Global Studies
History of West. Civ I
History of West. Civ. II
Montana History
MT History & Lit
Sociology
U.S. History
World History

MATHEMATICS

Algebra 2
Algebra I
Calculus/AP
Geometry
Pre-Calculus
Probability and Linear Math
Statistics

What do I need to Do?

Grade 9

- Verify with your high school guidance counselor and the online core-course listing to make sure you are on track

Grade 10

- Verify with your high school guidance counselor and the online core-course listing to make sure you are on track.

Grade 11

- Verify with the eligibility center.
- Make sure you are still on course to meet core-course requirements (verify you have the correct number of core courses and that the core courses are on your high school's 48-H with the eligibility center).
- After your junior year, have your high school guidance counselor send a copy of your transcript. If you have attended any other high schools, make sure a transcript is sent to the eligibility center from each high school.
- When taking the ACT or SAT, request test scores to be sent to the eligibility center (the code is "9999").
- Begin your amateurism questionnaire.

Grade 12

- When taking the ACT or SAT, request test scores to be sent to the eligibility center (the code is "9999").
- Complete amateurism questionnaire and sign the final authorization signature online on or after April 1 if you are expecting to enroll in college in the fall semester. (If you are expecting to enroll for spring semester, sign the final authorization signature on or after October 1 of the year prior to enrollment.)
- Have your high school guidance counselor send a final transcript with proof of graduation of the eligibility center.

NATURAL/PHYSICAL SCIENCE

Advanced Chemistry
Bio-Technology
Biology
Biology/Advanced
Anatomy/Physiology
Chemistry
AP Chemistry
Ecology
Earth Science
Geology
Physical Science
Physics
Zoology

ADDITIONAL CORE COURSES

Important Note: Computer science courses cannot be used to fulfill core course requirements for student-athletes first entering a collegiate institution on or after August 1, 2005.

German 1
German 2
German 3
German 4
Spanish 1
Spanish 2
Spanish 3
Spanish 4

ARTS EDUCATION

GOAL STATEMENT:

Arts have intrinsic value. They cultivate the whole child, building many kinds of literacy while developing intuition, reasoning, creativity, imagination, and dexterity into diverse forms of expression and communication. The Arts enable students to make decisions and seek multiple solutions. They improve perception, reflection, and creative thought. They advance higher order thinking skills of analysis, synthesis and evaluation. The Arts provide powerful tools for understanding human experiences and cultures – past, present and future. Arts education engages students in a creative process that helps them develop the self-motivation, discipline, cooperation and self-esteem necessary for success in life. The Arts consists of Dance, Music, Theatre and Visual Arts.

MUSIC

GOAL STATEMENT:

The primary goal of the music department is to offer every student an opportunity to be involved in the act of musical creation through the performance medium. This involvement will grow into an appreciation of the aesthetic beauty in a wide variety of musical literature. The emotional, physical and intellectual education that students receive through music will continue to be valuable and useful throughout their lives.

OBJECTIVES:

The special nature of musical creation requires that technical skill, emotional sensitivity, imagination and knowledge about musical symbols, styles and terminology be developed equally. Through addressing the elements of music; rhythm, dynamics, phrasing, articulation, tempo, intonation, form, tone quality and fingerings, students will learn to make creative musical decisions on their own. Students will develop the ability to read music accurately on their first attempt.

In addition to the development of concepts directly related to the music itself, students will develop performance and rehearsal skills. These include the ability to focus attention and direct energy toward the music, exhibit proper stage presence and behavior, maintain correct posture, follow directions, work cooperatively in a group situation and demonstrate commitment and reliability by participating in rehearsals and concerts.

CONCERT BAND

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9-12

DESCRIPTION OF CLASS: A non-audition based band, this class continues to develop the intermediate musician in the areas of music theory, history, ear training, instrumental technique and performance. The band is primarily performance based. Students have the opportunity to perform at home in concert band and pep band, as well as travel to band festivals out of town. Students will also have individual projects in research, concert attendance, and small ensemble performance.

PRE-REQUISITE: Middle School Band and/or consent of instructor

SYMPHONIC BAND

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 10 - 12

DESCRIPTION OF CLASS: A Director-selected class, Symphonic Band continues to develop the intermediate/advanced musician in the areas of music reading, sight reading, music theory, history, ear training, instrumental technique and performance through varied repertoire of instrumental literature. Students will have the opportunity to perform at home in both a concert band and pep band setting and at out-of-town festivals.

PRE-REQUISITE: Concert Band and/or consent of instructor

PERCUSSION ENSEMBLE

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9 - 12

DESCRIPTION OF CLASS: A Director selected class, this class continues to develop the intermediate/advanced percussionist in the areas of music theory, history, ear training, rudimental technique and performance. The ensemble is primarily performance based. Students have the opportunity to perform at home in percussion ensemble, concert band and pep band, as well as travel to music festivals out of town. (Students will also have individual projects in research, concert attendance, and small ensemble performance.)

PRE-REQUISITE: Middle School Band and/or consent of instructor

SYMPHONIC CHOIR

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9 - 12

DESCRIPTION OF CLASS: Students enrolled in Symphonic Choir will be able to sing with a proficient level of technical accuracy and expression a varied repertoire of vocal literature with a level of difficulty of 2, on a scale of 1 to 6. Each student will learn to read and notate music; listen to, analyze, describe, and evaluate music; and understand music in relation to history and culture. Students will understand the importance of working together to set and achieve goals and will be responsible for creative decision making.

PRE-REQUISITE: Voice Range Alto – Soprano

HAMILTONES CHOIR (Men's Choir)

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9 - 12

DESCRIPTION OF CLASS: Students enrolled in Hamiltones choir will be able to sing with a proficient level of technical accuracy and expression a varied repertoire of vocal literature with a level of difficulty of 2, on a scale of 1 to 6. Each student will learn to read and notate music; listen to, analyze, describe, and evaluate music; and understand music in relation to history and culture. Students will understand the importance of working together to set and achieve goals and will be responsible for creative decision making.

PRE-REQUISITE: Voice Range Bass, Tenor, Baritone

TREBLE CHOIR (Women's Choir)

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 10 - 12

DESCRIPTION OF CLASS: Students enrolled in Treble Choir will be able to sing with an intermediate level of technical accuracy and expression a large and varied repertoire of vocal literature with a level of difficulty of 4, on a scale from 1 to 6. Students will expand their basic ability to read and notate music; listen to, analyze, describe, and evaluate music; and understand music in relation to history and culture. Students will be expected to make creative decisions based upon a firm grasp of musical concepts and elements. Individual projects include basic composition and improvisation.

PRE-REQUISITE: Voice Range - Alto, Soprano; Symphonic Choir

CONCERT CHOIR

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 10 - 12

DESCRIPTION OF CLASS: Students enrolled in Concert Choir will be able to sing with an advanced level of technical accuracy and expression an expansive and extremely varied repertoire of vocal literature with a difficult level of 6, on a scale of 1 to 6. Students at this level are advanced in reading and notating music; listening to, analyzing, describing, and evaluating music; and understanding music in relation to history and culture. Students will be expected to make creative decisions based upon a firm grasp of musical concepts and elements.

PRE-REQUISITE: Symphonic or Hamiltones Choir and consent of instructor

GUYS AND DOLLS

FINE ARTS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 11 - 12

DESCRIPTION OF CLASS: Students selected for this class have demonstrated high skill levels in vocal technique, sight-reading and stage presence, as well as, intellectual understanding of and emotional responsiveness to music. The main objective of this class is to develop performance skills and challenge our highly advanced students with more difficult literature.

PRE-REQUISITE: Concert Choir and consent of instructor

JAZZ IMPROVISATION AND PERFORMANCE FINE ART

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9-12

DESCRIPTION OF CLASS: This class will focus on learning the language of jazz, one of America's truly unique and important art forms. The course will be centered around learning the essential musical skills and vocabulary of jazz music as well as covering topics of theory, and the social/historical importance of jazz in American society and culture. Course materials covered includes basic jazz theory, chord/scale relationships, melody construction, the blues progression, voice leading, basic jazz piano, voicings, transcription and pattern practice. The performance of jazz music will be of key importance and students will have the opportunity to practice and perform a variety of jazz styles in small and large group settings. Many performance opportunities will be available throughout the year for the students.

MUSIC THEORY, COMPOSITION, ARRANGING, TECHNOLOGY & RECORDING

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9-12

DESCRIPTION OF CLASS: This course will give students a strong foundation in the area of Music Theory and will instill the basic rudiments and terminology of music. During the year students will learn foundational skills of Western musical notation and gain an in depth understanding of harmony, meter, intervallic relationships, and rhythms used in Western music. Students will experience, analyze, sing, and respond to a wide variety of musical styles from Baroque, Jazz, Popular and Twentieth Century Art Music. Class projects will allow students to creatively apply their skills through composition and arranging and analysis of music works. Students will gain experience applying their skills creatively through a variety of class projects that include composition, songwriting, arranging music for performance, and recording. A large focus of this course will be the use of recording, mixing, and sequencing technology. Students will be given basic skills and knowledge in using Digital Audio Workstation software and other digital audio tools and recording equipment.

THEATRE

THEATRE 1

ELECTIVE CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9 - 12

DESCRIPTION OF CLASS: This year-long, foundational class, designed for students with little or no theatre experience, promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art. Theatre 1 provides opportunities for students to develop skills in critical listening and thinking, as well as stage presence, ensemble work, and aesthetic awareness culminating in periodic classroom and/or public performances. Students additionally learn about the organizational structure of theatre and theatre literature. Of importance in Theatre 1 is students' opportunity to develop fundamental groups-and self-assessment skills, problem-solving skills; the ability to connect the literature being studied to a variety of cultures, history, and other content areas; and development of 21st century skills that will help students be successful after high school graduation.

PRE-REQUISITE: None

THEATRE 2

ELECTIVE CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9 - 12

DESCRIPTION OF CLASS: This class is a continuation from Theatre 1. Theatre 2 provides opportunities in more advanced design, acting, directing, producing, and technical theatre. Public performance is a requirement including some evening rehearsals.

PRE-REQUISITE: Theatre 1

VISUAL ARTS

GOAL STATEMENT:

Visual Arts engage students in creative process, promoting visual literacy, self-discipline, and critical thinking. Diverse forms of expression through a broad range of media cultivate imagination, improve perception and encourage independent decision-making. Visual art content shares connections with other curricular areas and supports preparation for innovative careers in the arts and beyond. Art can also be a powerful tool for communication and self-expression.

OBJECTIVES:

Students will have an opportunity to create and display artwork within the school and community. Through application of the elements and principals of design, students will learn how to develop and use technical skills, communicate meaning, solve problems, critique one's own work and the work of others. Students will learn to recognize the role of arts in society, diverse cultures, history, and how art is relative to the world around them.

INTRO TO ART

FINE ART

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 9 - 12
ART FEE: \$20.00 /Year

DESCRIPTION OF CLASS: Art I is an entry-level course in visual art that introduces students to the elements and principals of design through the use of various drawing media, techniques and studio processes. Students will gain a basic awareness and understanding of the artistic process and will develop technical skills through application. In the Art I curriculum, students will learn about the value of art culturally through an integration of diverse styles and time periods throughout history. Students must supply a sketchbook.

PRE-REQUISITE: None

MIXED MEDIA SCULPTURE

FINE ART

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10-12
ART FEE: \$10.00 / Semester

DESCRIPTION OF CLASS: This semester-long course is designed to offer students the opportunity to further extend their art study through the creation of sculptural work in a wide variety of art media. With an emphasis on cultural context, technique experimentation and idea development, this course will lead students through the design process and the creation of artwork utilizing plaster, clay wire, foam, papers, and found objects, among other mediums. Students will become familiar with important sculptors throughout history, and will maintain a visual journal throughout the semester.

PRE-REQUISITE: Intro to Art

CERAMICS/SCULPTURE

FINE ART

CREDITS: .5
LENGTH OF CLASS: One Semester (SPRING ONLY)
GRADES: 10 - 12
ART FEE: \$10.00 / Semester

DESCRIPTION OF CLASS: Ceramics/Sculpture is a course designed for students who would like to progress with three-dimensional means of art-making, predominantly through clay. Students' general focus will be in ceramics (sculpture, hand-building and wheel-throwing). Prominent and contemporary three-dimensional artist will be incorporated into the curriculum in order to broaden knowledge and enhance conceptual thinking about one's own artwork.

PRE-REQUISITE: Intro to Art

ADVANCED STUDIO ART/AP STUDIO ART

FINE ART

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 11-12
ART FEE: \$30.00 /Year

DESCRIPTION OF CLASS: Taught concurrently, Advanced Studio Art and AP Studio Art are designed to allow experienced art students to develop a personal style and a more comprehensive understanding of one's own artistic process. Advanced Studio Art will continue to highlight design and technical skill, but will also allow for independent exploration. Advanced Studio Art is an upper level art class offered junior or senior year. Students should have attained at least four visual art credits and must apply to take the course. Advanced Placement Studio Art is a senior level art class with the rigor of a college course. The primary focus of AP Studio Art is preparation and completion of an extensive professional portfolio that is to be reviewed by the College Board late Spring.

PRE-REQUISITE: Student must complete an application to be accepted into Advanced Studio Art or AP Studio Art, submitted application student DOES NOT guarantee acceptance. See Mrs. Arceniega for details and application.

PAINTING I

FINE ART

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10-12
ART FEE: \$15.00 /Semester

DESCRIPTION OF CLASS: This course will cover basic painting techniques using watercolor, acrylic and oil mediums. We will highlight color theory elements and principles of design while students explore various styles and painters throughout history.

PRE-REQUISITE: Intro to Art

PAINTING II

FINE ART

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10-12
ART FEE: \$15.00 /Semester

DESCRIPTION OF CLASS: This course is designed for students who would like to continue to advance their painting skills. Painting II will allow students to develop a personal style and enhance communication through application of various painting mediums, assessment and exploration.

PRE-REQUISITE: Painting I

DRAWING I

FINE ART

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10-12
ART FEE: \$15.00 /Semester

DESCRIPTION OF CLASS: Drawing is not just about pencils and markers, there are various styles and a vast amount of materials that can be explored within the realm of drawing. This course is designed to highlight the wide range of possibilities of drawing as well as introduce and develop the basics of this broad and powerful field of art.

PRE-REQUISITE: Intro to Art

DRAWING II

FINE ART

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10-12
ART FEE: \$15.00 /Semester

DESCRIPTION OF CLASS: This course is designed for students who would like to continue to advance in their drawing skills. Drawing II will allow students to develop a personal style and enhance communication through further exploration of technique, style and media.

PRE-REQUISITE: Drawing I

CAREER & TECHNICAL EDUCATION (CTE)

GOAL STATEMENT:

The Career and Technical Education Department prepares students for a wide range of careers and post secondary education programs. CTE courses provide students with life and employment skills to make them highly desirable employees in today's modern workforce. Skills learned in CTE classes prepare students to go directly into the workforce or to continue their education to reach their career goals.

BUSINESS EDUCATION

GOAL STATEMENT:

Business Education will provide:

1. The knowledge, attitudes, and non-vocational skills needed by all persons to be effective in their personal economics and in their understanding of our economic systems.
2. The vocational knowledge and skills needed for initial employment, further education, and for advancement in a business career.
3. An adequate program of vocational preparation for those students who will enter business upon completing high school.
4. Integrated teaching of both academic and employability competencies through the business curriculum.

Objectives:

Students will:

demonstrate a set of attitudes and behaviors associated with a sense of responsibility, self-discipline, pride, teamwork, and enthusiasm.

be able to demonstrate learning ability and problem-solving skills.

have increased interest and competency in written and oral communication because of an emphasis on basic educational skills.

improve in basic skills such as mathematics, reading, and writing.

learn about entrepreneurship while forming their philosophies about private enterprise and learning basic principles concerning business ownership and management.

be provided an opportunity to develop positive interpersonal and leadership skills.

be able to demonstrate practical problem solving uses for the computer in both personal and business environments.

become intelligent consumers of goods and services.

demonstrate knowledge of career training, and job search skills.

develop a positive work ethic.

prepare for learning throughout one's life.

KEYBOARDING

CTE

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADES: 9 - 12

DESCRIPTION OF CLASS: Students will master touch operation on a computer keyboard. Correct fingering by touch and good technique will receive primary emphasis; speed and accuracy will then following the skills acquisition. After students know the keyboard, they will be introduced to business writing skills in the form of letter correspondence and word processing skills for editing and formatting. Modern Language Association report formatting will be taught and practiced, as well as additional word processing skills for formatting multiple page documents and tables. Language skills will be integrated throughout the course to promote and practice good written communication skills.

PRE-REQUISITE: None

TECH TOOLS

CTE

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADES: 9 - 12

DESCRIPTION OF CLASS: Students learn basic operation and function of the computer, selecting appropriate software for the various applications. Students select and use word processing, desktop publishing, database, spreadsheet, presentation, graphics, multimedia, and web design software for practical applications. Students will be exposed to both free alternatives and the industry standard software. In addition to learning software, students will learn to be ethical users/consumers/producers in the digital world.

PRE-REQUISITE: Keyboarding or competency test

CAPP120

CTE

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADES: 10 – 12 (Dual Credit Option) Must be a Junior or Senior for Dual Credit

DESCRIPTION OF CLASS: Students will be offered the opportunity to take this dual-credit course to increase their proficiency with computer applications and earn college credit at a reduced fee. Computer terminology, hardware and software, including wire/wireless communications and multimedia devices will be studied. Students will utilize word processing, spreadsheet, database and presentation to create projects common to business and industry in a networked computing environment. Internet research, e-mail usage, and keyboarding proficiency are integrated. Students will gain a thorough understanding and expertise using the software packages, in addition to other software as time permits.

PRE-REQUISITE: Tech Tools

PRINCIPLES OF BUSINESS

CTE

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADES: 10-12

DESCRIPTION OF CLASS: Principles of Business introduced students to the world of business and helps prepare them for their economic roles of consumer, worker, and citizen in an ever changing world. This course promotes curiosity and imagination, assisting students with consumer decision making, preparing them for future employment and helping them effectively perform their responsibilities as a citizen. Economics, personal finance and entrepreneurship are combined to prepare the student for today and tomorrow.

PRE-REQUISITE: Computer Applications.

INTRO TO COMPUTER PROGRAMMING

CTE

CREDITS: .5

LENGTH OF CLASS: Semester

GRADES: 10 - 12

DESCRIPTION OF CLASS: Introduction to Computer Program will serve as a foundational course which aims to introduce students to the ever-evolving world of computer programming and computer science. Through the exploration of a variety of programming languages (Scratch, Small Basic, Lua) and programs (Notepad++, Microsoft Small/Visual Basic, DevC++) students will learn fundamental programming skills which will be utilized to create interactive computer programs and models. Designed as an introductory class, students will be exposed to a variety of methods and challenged to create functional programs to solve a variety of problems. The primary focus of this course will be to introduce computational thinking and problem solving that will benefit students across a variety of disciplines, including business, engineering, physical sciences, health care, and computer science..

PRE-REQUISITE: Tech Tools and/or Keyboarding

ADVANCED PROGRAMMING I-PHYSICAL PROGRAMMING THROUGH ROBOTICS AND C++
CTE

CREDITS .5

LENGTH OF CLASS: Semester

GRADES: 10- 12 y)

DESCRIPTION OF CLASS: Expanding on the concepts presented in Introduction to Computer Programming, Advanced programming delves further into the world of computer science. Using Object Oriented Programming Languages, students will apply computational thinking and reasoning to create complex and integrated programs. In addition to computer programming, students will also have the opportunity to work with physical programming by exploring microcontrollers and robotics! This class is project based, and students will be given the opportunity to explore and create programs of their own interests, as well as solve problems using a variety of hardware and software configurations.

PRE-REQUISITE: Intro to Computer Programming

ADVANCED PROGRAMMING II OBJECT ORIENTED PROGRAMMING WITH JAVA

CTE

CREDITS .5

LENGTH OF CLASS: Semester

GRADES: 10- 12

DESCRIPTION OF CLASS: Advanced Programming II- Programming with Java, will shift the focus to the programming language of Java, as well as offer dual credit option in conjunction with Flathead Valley Community College. Students will experience the rigor of Object Oriented Programming at a collegiate level, while also expanding their understanding and application of computer programming principles. Students will also be eligible to acquire industry recognized Java certification from Oracle, through the successful completion of testing through the Oracle Academy. Through this affiliation, students will gain experience by using industry leading software applications, gaining the skills and knowledge that will be directly transferable to those looking to enter the workforce or continue their education at the university level. Currently, Hamilton High School is the only High School in the state of Montana to offer this unique opportunity. Although successful completion of Advanced Programming (Physical Programming and C++) is highly encouraged, it is not required for this course.

PRE-REQUISITE: Intro to Computer Programming

ACCOUNTING I & II

CTE

CREDITS: .5

LENGTH OF CLASS: Full Year

GRADES: 9-12

DESCRIPTION OF CLASS: Knowledge of accounting is essential for those interested in pursuing business careers and personal financial responsibilities. This course helps students comprehend the basic principles of the accounting cycle. Emphasis is placed on analyzing and recording business transactions; preparing and interpreting financial statements, accounting systems, banking and payroll activities; understanding basic types of business ownership; and exploring accounting careers.

PRE-REQUISITE: None

MARKETING I

CTE

CREDITS: .5

LENGTH OF CLASS: Semester

GRADES: 10- 12

DESCRIPTION OF CLASS: Marketing I will serve as an introductory course to the world of global and competitive marketing. Designed for potential business students, this class will provide all students with fundamentally important information that can be applied across a variety of career and collegiate endeavors. Topics that will be covered in this class include: What is Marketing, and how do we identify it?, Fundamental Economics, How business impacts society, Selling and Distribution Channels, How products are priced, and a variety of other topics. Additionally, students will complete a variety of case studies, hands-on projects, and in-depth research on a variety of topics related to the curriculum.

PRE-REQUISITE: Tech Tools or Business Principles Preferred

MARKETING II

CTE

CREDITS: .5

LENGTH OF CLASS: Semester

GRADES: 10- 12

DESCRIPTION OF CLASS: In Marketing II, students will be tasked with a variety of real-world, business challenges, in which they will create, implement, and design effective marketing campaigns. In addition to expanding on the foundational information presented in Marketing I, students will begin applying Marketing theory through a variety of projects that will incorporate the application of high-tech and digital tools in the creation of their finished projects. Marketing II is a project-based course, in which a wide variety of software and techniques will be explored and introduced. Students will also participate in simulations that expose them to the real-life impacts of business decision making.

PRE-REQUISITE: Marketing I

INTEGRATED WEB AND DIGITAL DESIGN I

CTE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10- 12

DESCRIPTION OF CLASS: Integrated Web and Digital Design I is an in-depth course which aims to give students an introduction to the tools necessary to create, manage, and design a variety of web sites and web applications, and variety of digital art forms.. Over the course of the class, students will be introduced to a variety of coding languages (HTML, CSS, HTML5), a variety of web based tools (Weebly, Wix, Google Sites), and Web Development Software (Adobe Dreamweaver, Flash, Fireworks). In addition to teaching foundational web development skills, students will also explore the basics of Graphic Design, Digital Publication, and Digital Photography using software programs such as Adobe Photoshop, InDesign, and Illustrator.

PRE-REQUISITE: Tech Tools or CAPP 120

INTEGRATED WEB AND DIGITAL DESIGN II

CTE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10- 12

DESCRIPTION OF CLASS: Integrated Web and Digital Design II will delve deeper into the world of Digital Design, as well as expose the students to graphic design principles and theory, Students will create a variety of projects for for web and mobile presentation, as well as multiple print layouts. Through hands-on application, students will be free to use industry leading software to make creations that are limited by only their own imaginations. Integrated Web and Digital Design II will serve as a quality course for those students looking to pursue a career in digital and graphic design, marketing, or simply as a creative outlet for those with an artistic touch looking to explore the intriguing world of digital art as a creative outlet.

PRE-REQUISITE: Tech Tools or CAPP 120

MICROSOFT ACADEMY

CTE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10- 12

DESCRIPTION OF CLASS: This is a one-semester course designed for students who would like to pursue a career in business and office management. Students will use the specially designed Microsoft Office software to learn skills and competencies that prepare them to earn Microsoft Office Specialist (MOS) Certification in Word and/or Excel during the course. This industry-standard certification acknowledges that the student has the expertise to work with Microsoft Office programs with a recognized level of competency and productivity that will set them apart in today's competitive job market.

PRE-REQUISITE: Tech Tools

FAMILY AND CONSUMER SCIENCES (FCS)

GOAL STATEMENT:

The Family and Consumer Sciences curriculum is designed to help male and female students become productive, competent, stable, and employable adults. Information provided to the students will help them to make responsible choices and decisions to enhance the quality of life for the circumstances of their time.

OBJECTIVES:

Students will:

- identify how food choices should be made and the importance of nutrition for a positive well-being
- explain skills needed in managing one's resources which include money, time, skills and health to enable them to meet the challenges of an ever-changing society.
- identify foods needed on a daily basis according to the USDA's Dietary Guidelines for good health and energy
- learn that clothing construction techniques are used to help make better decisions when judging quality as fabricators or consumers of textiles.
- learn skills in the areas of clothing construction and food preparation and service to prepare them for entry level positions in these career fields.
- receive information to assist them throughout their adult lives in making decisions which will contribute to the quality of their lives.
- understand emotional, physical, social, and intellectual development of children ages 1-6 in order to prepare them for the role of parent, care-giver, and/or child related careers.

Culinary Dual Credit Option: Culinary Dual Credit is offered through the three Culinary classes, Foods and Nutrition, Culinary Arts and Advanced Culinary Arts. The complete ServSafe coursework will be taught throughout these high school courses. Lectures and labs will prepare students to be proficient in safe and sanitary food handling. Completion of these courses, along with attaining the ServSafe certification at the end of the third course will allow high school students to earn both high school and college credit. One and a half elective CTE credits through Hamilton High School and two post-secondary credits through Missoula College will be earned. The two credits earned will satisfy the CULA 105 requirement in the Culinary program at Missoula College.

FOODS AND NUTRITION

CTE

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADES: 9 - 11

FEE: \$10.00

DESCRIPTION OF CLASS: Throughout the semester, students will learn about basic nutritional habits and routines for a healthy life. The lessons and activities in this course will allow students to practice safety and sanitation in the kitchen, and prepare healthy meals in their cooking groups.

PRE-REQUISITE: None

CULINARY ARTS

CTE

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADES: 10- 12

FEE: \$10.00

DESCRIPTION OF CLASS: Culinary Arts is the second level of the foods class. Basic knowledge of food handling, kitchen safety and group cooperation is a pre-requisite. Students will integrate knowledge, skills, and practices required for careers in Culinary Arts. The student will also learn the importance of food presentation when serving the prepared meals during the labs. Regional and International foods will be explored to further food preparation skills and knowledge of cultural traditions.

PRE-REQUISITE: Foods and Nutrition

ADVANCED CULINARY ARTS & HOSPITALITY MANAGEMENT CTE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10- 12
FEE: \$10.00

DESCRIPTION OF CLASS: This class is for students interested in going into a career in Culinary Arts and Hospitality. Basic knowledge of food handling and kitchen safety is a pre-requisite. Students will research, plan and create advanced dishes that are suitable for various types of restaurants and bakeries. They will examine and analyze food cost as well as profit when planning, preparing and serving meals for catering events and class projects. Students will explore business practices that are crucial when developing and managing a restaurant or catering business.

PRE-REQUISITE: Foods and Nutrition and Culinary Arts

TEXTILES & APPAREL

CTE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9 - 12

DESCRIPTION OF CLASS: This course is designed to introduce students to the world of textiles and sewing. Skills and techniques will be taught to allow students to comfortably sew clothing and other objects by hand or by various machines in the classroom. The overall goal for this class is to instill the value of resourcefulness and self-sustainability within the students. They will also gain a sense of accomplishment after creating their own apparel for daily use. **Please note:** Students are responsible for purchasing fabric and supplies for 70% of their projects.

PRE-REQUISITE: None

CHILD DEVELOPMENT

CTE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 11-12

DESCRIPTION OF CLASS: Throughout the semester, the students will study the developmental stages of children from prenatal through early preschool age. The students will be introduced to the different fields of childcare as well as understand the role of parents. The students will observe and interact with young children as part of their assignments and projects.

PRE-REQUISITE: None

LIFE PREPARATION

CTE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 11 - 12

DESCRIPTION OF CLASS: This class is to help prepare students for everyday decisions they will make as independent adults. They will learn how to budget their finances, prepare for job searches, and build healthy relationships in their life.

PRE-REQUISITES: None

INDUSTRIAL TECHNOLOGY EDUCATION (ITE)

INDUSTRIAL TECHNOLOGY EXPLORATORY

CTE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9-12
FEE: \$10.00

DESCRIPTION OF CLASS: Exploring Industrial Technology (ITE) is a course that allows students to experience the three Industrial curriculums at Hamilton High School. Students will rotate between the Computer Aided Manufacturing, Metal Fabrication and Wood Manufacturing Technology. This course must be taken by freshman before advancing to the entry level Industrial classes.

PRE-REQUISITE: None

WOODS I

CTE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9 - 12
CLASS FEE: \$10.00 plus project materials

DESCRIPTION OF CLASS: This course will teach students safety and develop safe working habits. They will learn how to design, figure materials, basic construction and finishing techniques involved in building small wood projects to be completed in a semester. Students are responsible for the cost of the materials they use.

PRE-REQUISITE: Exploring ITE or grade levels 10-12

WOODS II

CTE

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 10 - 12
CLASS FEE: \$20.00 plus project materials

DESCRIPTION OF CLASS: Students will learn safety on all the equipment in the woodworking area and develop safe working habits on all of it. They will be designing, figuring materials, doing construction and finishing projects such as folding tables, night stands, book shelving, etc. Projects should contain at least one drawer and one door. Several demonstrations of advanced techniques will be given by the students expanding their woodworking techniques. Students are responsible for the cost of the materials they use.

PRE-REQUISITE: Woods I

MANUFACTURING

CTE

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 11 - 12
CLASS FEE: \$20.00 plus project materials

DESCRIPTION OF CLASS: Manufacturing and Automation is a big part of the world we live in today. There is not just one type of manufacturing, there are many different levels in which this process takes place, from obtaining resources all the way to making a finished product. In this class students will learn the process of manufacturing in CNC, lumber production, and metal fabrication.

PRE-REQUISITE: Woods II & ITE of CAD I

COMPUTER AIDED DESIGN/MANUFACTURING I

CTE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9-12
FEE: \$10.00

DESCRIPTION OF CLASS: Computer Aided Design/Manufacturing (CAD/CAM I) is a course set around basic design and engineering concepts. The students will demonstrate skill attainment in 2D geometry construction and machining. Project based learning will be accomplished using computer and CNC milling machines.

PRE-REQUISITE: Exploring ITE or grade levels 10-12

COMPUTER AIDED DESIGN/MANUFACTURING II

CTE

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 10-12
FEE: \$20.00

DESCRIPTION OF CLASS: Computer-Aided Design/Manufacturing II (CAD/CAM) is a course set around intermediate design and engineering concepts. The students will demonstrate skill attainment in 3D geometry, surface and solid model construction. Project based learning will be accomplished using computer and CNC milling machines. This course is for students interested in manufacturing, design, or engineering as a potential career. Students will complete advanced projects including the National Wildest Part Competition.

PRE-REQUISITE: CAD/CAM I

ADVANCED MASTERCAM

CTE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11 - 12
CLASS FEE: \$10.00

DESCRIPTION OF CLASS: Advanced Mastercam is a dual credit course (MCH 122) offered through Flathead Valley Community College. This is a lab class that design and engineering concepts. The students will demonstrate skill attainment in 3D geometry, solid model construction and high speed toolpaths. Project based learning will be accomplished using computer and CNC milling machines. This course is for students interested in manufacturing, design, or engineering as a potential career. Students will complete advanced projects including the National Wildest Part Competition.

PRE-REQUISITE: CAD/CAM 2

DESIGNING WITH AUTOCAD

CTE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11 - 12

DESCRIPTION OF CLASS: Designing with AutoCAD is a dual credit course (DDSN 114) with Flathead Valley Community College. An introduction to computer aided design and drafting using AutoCAD software will be used for production of drawings and plans for architecture and engineering systems. Fundamentals of two dimensional drafting and drawing management for professional design will be taught. This course is for students interested in Drafting/Design, Architecture or Engineering for a career.

junior or senior

SOLIDWORKS 3D MODELING

CTE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11 - 12
CLASS FEE: \$10.00

DESCRIPTION OF CLASS: SolidWorks 3D modeling is a dual credit course (DDSN 135) with Flathead Valley Community College. This course utilizes SolidWorks software to produce three-dimensional models of mechanical objects and assemblies. Topics include sketching a part feature, providing dimensions and constraints to tie the features together, converting a sketch into a solid object, and creating and editing full assemblies. Working drawings are created from the part design, including a variety of view and dimension styles. Students will use 3D printers and manufacture F1 race cars with CNC mills as applied projects. This course is for students interested in Design, Engineering, and Computer Aided Manufacturing for a career.

junior or senior

WELDING I

CTE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 9 - 12
CLASS FEE: \$10.00

DESCRIPTION OF CLASS: Welding I provides students with foundational skills related to oxy fuel and shielded metal arc welding processes. Students will practice a variety of welding techniques and develop individualized projects.

PRE-REQUISITE: Exploring CTE or grade levels 10-12

WELDING II

CTE

CREDITS: .5
LENGTH OF CLASS: Full Year
GRADES: 10 - 12
CLASS FEE: \$20.00

DESCRIPTION OF CLASS: Welding II students will explore more advanced welding and fabrication processes such as GMAW and Plasma-Cam. Students will research welding career opportunities and gain field experiences. Welding II incorporates both guided assignments and individual projects.

PRE-REQUISITE: Welding I

DUAL-CREDIT WELDING

CTE

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 11 - 12
CLASS FEE: \$20.00

DESCRIPTION OF CLASS: Designed to provide advanced welding certification and Bitterroot College credit at the same time.

PRE-REQUISITE: Welding II

ENGLISH & LANGUAGE ARTS

GOAL STATEMENT:

The English Department will facilitate student growth by increasing understanding of social heritage, expanding thought processes, and developing a fluency of written and oral expression. The English curriculum seeks to help students realize their own identities, learn about their world, and survive in an increasingly complex society.

OBJECTIVES:

Students will:

express ideas and concerns important to them.

write fluently, coherently, correctly, and concisely.

adapt their writing for a variety of audiences and purposes.

expand their vocabularies for accurate and interesting expression.

realize that organization, development, style, and mechanics are all interdependent components of writing.

recognize writing as a process.

recognize reading as a means to acquire information, to satisfy curiosity, and to experience pleasure.

adapt reading strategies for varying purposes and materials.

respond to and evaluate various reading selections and styles of writing.

understand our cultural and linguistic heritage and realize the dominant concerns of mankind throughout history.

how to speak with fluency, coherence, correctness of expression, and poise.

participate harmoniously and positively in varied situations.

listen for enjoyment, information, understanding, and evaluation.

adapt words, strategies, and speaking styles to various speaking situations and purposes.

assess the components, purposes, and influences of different kinds of mass communication.

realize that content and delivery are interrelated, that "body language" and voice are integral parts of oral communication.

employ effective study skills.

ask questions to discover meaning.

detect fallacies in reasoning.

create hypotheses and predict outcomes.

construct logical sequences and understand their conclusions.

test the validity of an assertion and make judgments by examining evidence.

differentiate between subjective and objective views.

realize that originality derives from the uniqueness of the individual and not necessarily from innate talent.

realize that "how to think" is different from "what to think."

ENGLISH I

REQUIRED CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADE: 9

COURSE DESCRIPTION: English I is a general overview of the language arts. It involves a variety of reading, writing, and speaking activities. Students will be reading a broad spectrum of novels, plays, short stories, autobiographies, and poetry. Writing basics will be reviewed such as sentence structure and the conventions of the English language. Expanding students vocabulary will also be emphasized. Additionally, students will write expository essays, literary analysis, narrative short stories, persuasive essays, speeches, and poetry. This class is intended to prepare students for reading and writing during the rest of their years at Hamilton High, as well as real life reading and writing needs.

PRE-REQUISITE: None

ENGLISH II

REQUIRED CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADE: 10

COURSE DESCRIPTION: Students will develop skills and techniques in reading, writing, listening, speaking and thinking. Literature will include Greek mythology, Macbeth, The Odyssey, Things Fall Apart, and independent reading. Students will expand their vocabulary and be able to apply various literary terms to their reading. Students will develop their writing using the 6-trait writing model and will also complete a research paper documented in the MLA style.

PRE-REQUISITE: English I

HONORS ENGLISH II (PRE-AP)

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 10

COURSE DESCRIPTION: The Honors English II (Pre-AP) course is open to all students who desire a literary and linguistic muscle builder. It will be an invitation to think! This course, which focuses on World Literature, will prepare students for the rigor and critical thinking for the AP Language and Composition class, a junior level course. Additionally, it will prepare students for other assignments in high school, communication for employment, and writing for multiple purposes. While this course is NOT a pre-requisite for AP Language and Composition, it will help students construct a foundation of reading and writing skills for future AP classes such as literary elements, writing strategies, reading techniques (according to genre), and fundamental conventions of English language..

PRE-REQUISITE: English I

AP ENGLISH III – LANGUAGE & COMPOSITION

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 11

DESCRIPTION OF CLASS: Advanced Placement English is a rigorous literature and composition class pertaining to the use of language in mostly American literature texts. This course is commensurate with a first year college course. Students registering for this class will have a summer reading list between the sophomore and junior year and an essay exam will be on the first day of class. Students will have the opportunity to take the AP English exam for Language and Composition in the spring to earn college credit. Will be taken in conjunction with AP U.S. History.

PRE-REQUISITE: English II completion with a grade of “B” or better and consent of instructor. *This course meets the requirement of a language art credit, however, it can be replaced with English III and is not required to all students.

ENGLISH III

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 11

COURSE DESCRIPTION: English III is designed to develop writing and communication skills to prepare students who choose a career/educational path that leads to post-secondary education at technical, vocational, trade, two-year or four-year colleges. This course focuses on American Literature and includes units on Puritan, Romantic, and Slavery Eras, Native American stories, as well as early 20th Century and Post-World War II authors and literature.

PRE-REQUISITE: English II

ENGLISH IV

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 12

DESCRIPTION OF CLASS: English IV is designed to prepare students to read, analyze and communicate in their world, their community, and their chosen careers. A historical survey of English literature and language, this course also includes a variety of writing and speaking assignments. The course content is preparation for post-secondary education.

PRE-REQUISITE: English III

AP ENGLISH IV-Literature and Composition

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 12

DESCRIPTION OF CLASS: Advanced Placement English is a rigorous literature and composition class, commensurate with a first year college course. Students registering for this class will have a summer reading list between the junior and senior year and an essay is due on the first day of class. Students will have the opportunity to take the AP English exam in the spring to earn college credit.

PRE-REQUISITE: AP English III with a grade of "B" or better or consent of instructor
*This course meets the requirement of a language arts credit, however, it can be replaced with English IV and is not required for all students.

ENGLISH ELECTIVES

(These courses do not meet the graduation requirements for required English classes)

MEDIA

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10 - 12

COURSE DESCRIPTION: Students will develop a general background in the eight types of media. Students will explore the effects of advertising and mass communication which will enable them to become media literate members of society.

PRE-REQUISITE: English I

MONTANA HISTORY & LITERATURE

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9-12

COURSE DESCRIPTION: Montana History and Montana Literature is designed to have students learn about Montana through reading novels. Three major units, the first Montanans, homesteading, and mining, will be incorporated. In conjunction with each novel, students will learn about various aspects of Montana history.

PRE-REQUISITE: English I

PUBLICATIONS

ELECTIVE CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 10-12

COURSE DESCRIPTION: Students will develop skills and techniques in yearbook production by publishing a yearbook. The legal and ethical problems of journalism will be covered. Students will be required to sell advertisements as part of the class.

PRE-REQUISITE: English I or teacher's recommendation

SPEECH & COMMUNICATIONS

ELECTIVE CLASS

REDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10 -12

COURSE DESCRIPTION: The class will introduce students to most aspects of Speech & Communications course is designed to develop the skills of effective communication through exploration of speaking situations, verbal and non-verbal cues, and listening. Throughout the semester students will generate, develop, and present a variety of speeches in front of individuals, small groups, and whole classes. These speeches will include informational, demonstration, persuasive, and impromptu speeches, as well as exercises in oral interpretations. Additionally, students will read and analyze various speeches from historical and political leaders throughout the term. Finally, students will be able to apply newly acquired listening and communication skills in a variety of situations and other classes.

PRE-REQUISITE: English I

FILM STUDIES

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADE: 11

DESCRIPTION OF CLASS: The class will introduce students to most aspects of film production – writing, pre—production, storyboarding, lighting, sound, filming (using video technology) and editing. The class is performance oriented, but the study and analysis of film as literature is emphasized, requiring student to examine (and write about) film production from historical, theoretical, and practical applications. Finally, the course serves as a creative workshop, culminating in a final, polished film.

PRE-REQUISITE: Juniors and Seniors may enroll. Sophomores will also be considered if the class is not full. Students wishing to repeat the class must earn at least a “B” in the previous semester.

COLLEGE WRITING 101

ELECTIVE CLASS

CREDITS: 3 (BOTH HS AND COLLEGE CREDIT AVAILABLE)
LENGTH OF CLASS: Full Year
GRADES: 12
COST: Placement Exam, \$15/Per college credit, \$49.70 (scholarships are available)

DESCRIPTION ON CLASS: College Writing 101 is an HHS Dual Credit course. Upon registering, students will take the University of Montana writing placement exam. If they successfully pass that exam, they may take the course for 3 college credits. If they do not pass the exam or choose not to take, it, they may still continue with the course, but will not receive college credit (will still receive high school credit). Students with ACT Combined English/Writing scores of 18 or higher may enroll in WRIT 101 for college credit WITHOUT taking the placement exam. In WRIT 101, students will engage in a study of their place in Montana. This course is designed to challenge students to learn the skills they'll need to excel as scholars and writers in their college career. Throughout the semester, students will learn to engage rhetorical habits of mind in order to write confident, graceful, research-based academic essays that explore topics vital to their lives. The purpose of WRIT 101 is to help students develop their abilities as writers and readers of texts to encourage them to think critically and communicate effectively in the world. Students will be writing in a variety of genres – personal, academic, and civic-and will work to develop flexible reading, writing, and research processes to help them grow as a college-level writer.

PRE-REQUISITE: English II or teacher's recommendation

HEALTH ENHANCEMENT AND PHYSICAL EDUCATION

GOAL STATEMENT:

The Health and Physical Education Department is dedicated to teaching concepts and skills that promote comprehensive health for a lifetime. Students will demonstrate strategies to maintain or improve their health and accept responsibility for their personal health.

OBJECTIVES:

Students will:

learn basic skills for specific activities.

obtain information necessary to understand and participate in each area.

have a general understanding of the mechanical and physiological process of human movement.

gain an awareness of the importance hygiene holds in the physical and mental well-being of an individual.

be provided with the incentive to exercise and be active throughout their lives.

FRESHMAN P.E.

REQUIRED CLASS

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADE: 9

DESCRIPTION OF CLASS: The Freshman Physical Education Program will provide each person with several opportunities, from the assessment of fitness levels to the development of lifetime skills. Freshman Physical Education will address small and large motor skill levels and subsequent activities that will strengthen personal weaknesses. Upon completion of this class, the students will hopefully have a much more positive awareness of their physical well-being and how to maintain that aspect throughout their life.

PRE-REQUISITE: None

HEALTH I

REQUIRED CLASS

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADES: 9 -10

DESCRIPTION OF CLASS: Health I investigates techniques that improve physical, mental/emotional and social well-being. Students will recognize that health is an essential element to a positive quality of life. Upon completion of this course, students will be able to develop personal health enhancing strategies that will help insure a proper level of health and wellness in their lives.

PRE-REQUISITE: None

SOPHOMORE P.E.

REQUIRED CLASS

CREDITS: .5

LENGTH OF CLASS: One Semester

GRADE: 10

DESCRIPTION OF CLASS: Sophomore Physical Education is a course designed to study the intermediate or advanced level of physical fitness. Sophomore Physical Education will review the basic skills of each area and will introduce the competitive aspects of each activity. Specific lifetime sports will also be introduced. One of our goals for this class will be to observe an increase in each student's awareness of the sports and to see an improvement in effort and interest in the different activities as compared to the freshman year.

PRE-REQUISITE: Freshman P.E.

HEALTH II

REQUIRED CLASS

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11 - 12

DESCRIPTION OF CLASS: Health II is designed to develop the skills and behaviors necessary to become healthy productive citizens who take personal responsibility for their own well-being as a social responsibility for the health of their community. This course emphasizes how students can make choices that enhance a healthy lifestyle.

PRE-REQUISITE: Health I

WEIGHT TRAINING

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9 - 12

DESCRIPTION OF CLASS: Students who successfully complete the weight training class will be able to perform various lifts safely and correctly, using proper technique and breathing. All available weight facilities will be used in this course as well as the gymnasium. Students will be expected to dress out and participate fully in all aspects of the class each day. A normal class day will consist of warm-up stretching, cal, and running. This is followed by lifting and showering at the conclusion of class time. To provide some variety to the class we will mix in some days of physical conditioning and also some days of plyometric training. Student grading will be determined by their attitude and effort put forth in all phases of each class day, not just during lifting. A student may repeat Weight Training for credit with permission of the instructor.

PRE-REQUISITE: None

ADVANCED P.E.

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 11-12

DESCRIPTION OF CLASS: Advanced P.E. is a course designed for Juniors and Seniors who have completed freshmen and sophomore P.E. and want to continue their physical education. The emphasis in this class will be on learning sports and other physical endeavors that will become lifetime activities.

PRE-REQUISITE: Freshman and Sophomore P.E.

STRENGTH AND CONDITIONING

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10-12 Offered before School

DESCRIPTION OF CLASS: Students who successfully complete the weight training class will be able to perform various lifts safely and correctly, using proper technique and breathing. All available weight facilities will be used in this course as well as the gymnasium. Students will be expected to dress out and participate fully in all aspects of the class each day. A normal class day will consist of warm-up stretching, calisthenics, and running. This is followed by lifting and showering at the conclusion of class time. This will be a stringer course that will meet every day unless specified by the instructor. The class will focus on athletic training that will prepare the student for the various sports offered at Hamilton High School. To provide some variety to the class we will mix in some days of physical conditioning and also some days of plyometric Training. Student grading will be determined by their attitude and effort put forth in all phases of each class day, not just during lifting. Their grade will heavily depend on attendance and participation. Attendance is mandatory unless the instructor excuses you due to a practice or game. A student may repeat Weight Training for credit with permission of the instructor. Students entering 9th grade may be admitted to the course with instructor approval. Second semester strength and conditioning must be approved by an instructor.

PRE-REQUISITE: Participation in a HHS Sport

MATHEMATICS

GOAL STATEMENT:

The mathematics program recognizes students and their welfare are of primary importance. The mathematics program strives to improve the position of students in our society, provides the opportunity for them to reach their potential, limited only by their ability and interest, and helps students develop an appreciation for the worth and practicality of mathematics in relation to present and future needs. It is our belief each student should study a minimum of three years of mathematics in high school. The mathematics curriculum offers a complete spectrum from basic math skills to advanced, pre-college mathematics.

OBJECTIVES:

Students will:

be offered educational opportunities in the field of mathematics for each year of high school.

will be offered the opportunity to improve their mathematical skills to the best of their ability and be provided with essential life time math skills.

be exposed to new technology and ideas in education within the mathematic and computer fields.

develop problem solving skills in all areas of mathematics.

learn how Mathematics will mesh with other curriculums in the high school.

ALGEBRA I

MATHEMATICS

CREDITS: 1

LENGTH OF CLASS: Full year

GRADES: 9-12

DESCRIPTION OF CLASS: As an introductory class in Algebra, this course emphasizes the syntax and structure of algebraic operations, particularly as related to the fundamental binary operations (add, subtract, multiply, divide). To show mastery and advance to Algebra II, students will show competency in simplifying algebraic expressions, using inverse operations as tools for solving 1st and 2nd degree equations, factoring 2nd degree expressions, examine concepts from the quantitative, graphic, and algebraic perspective, and develop organization-categorizing skills necessary for problem solving.

PRE-REQUISITE: None

GEOMETRY

MATHEMATICS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADES: 9 - 12

DESCRIPTION OF CLASS: The general objective of this class is to improve the students' problem solving ability, using a set standard of materials to reason through, then logically find step by step solutions to more complex exercises. Students will use formulas for problem solving in plane geometrical figures.

PRE-REQUISITE: Algebra I or teacher's recommendation

ALGEBRA II

MATHEMATICS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADES: 10 - 12

DESCRIPTION OF CLASS: Algebra II is an intermediate algebra course which reviews Algebra I and introduces more advanced algebraic operations. Extensive work with polynomials and functions is emphasized, reinforces the primary skills needed to do transformations of equations, including factoring, work with exponents, solving equations with several variables, a complete study of second-degree equations, the complex number system, probability theory and statistics..

PRE-REQUISITE: Algebra I, Geometry or take Geometry Concurrently (With the recommendation of the teacher)

STATISTICS**MATHEMATICS**

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 11-12

DESCRIPTION OF CLASS: Students interested in attending a university, majoring in areas such as biology, medicine/health, engineering, business, and banking (to name a few) are recommended for this course. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data: describing patterns and departures from patterns, sampling and experimentation: planning and conducting a study, anticipating patterns: exploring random phenomena using probability and simulation, statistical inference: estimating population parameters and testing hypotheses.

PRE-REQUISITE: Satisfactory completion of Algebra II and Geometry

PRE-CALCULUS**MATHEMATICS**

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 11 - 12

DESCRIPTION OF CLASS: Pre-Calculus is designed for students who plan to attend college. This course is essential for students who will study calculus. The main topics are trigonometry, analytic geometry, vector analysis, logarithmic and exponential functions, and polynomial analysis. The students have the option to take this as a dual enrollment class.

PRE-REQUISITE: Algebra II

AP CALCULUS**MATHEMATICS**

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 11 - 12

DESCRIPTION OF CLASS: As an Advanced Placement course, the primary objective of this class is to receive college credit on the AP exam given in the Spring. To that end, the student must master all the basic elements of differential and integral calculus, which include methods of taking derivatives, finding integrals, and applications of each.

PRE-REQUISITE: Pre-Calculus

FOUNDATIONS IN PERSONAL FINANCE**MATHEMATICS**

CREDITS: .5
 LENGTH OF CLASS: Semester
 GRADES: 11 - 12

DESCRIPTION OF CLASS: FIPF is designed to equip students to confidently discuss money issues and plan for their own financial future. Students will learn how to avoid debt, develop a monthly budget and discover the power of savings. The course will help students identify and strengthen critical work skills and provide them with sound financial principles that will guide them into adulthood.

PRE-REQUISITE: Junior or senior

PROBABILTY AND LINEAR MATH**MATHEMATICS**

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 11- 12

DESCRIPTION OF CLASS: This course offers a deeper exploration of topics introduced in Algebra I and examines new concepts in probability and statistics. This course explores systems on linear equations and matrix algebra, including an introduction to probability with emphasis on models and probabilistic technical and industrial fields. This course should not be taken if you plan to complete Pre-Calculus. This course will provide dual credit with the Bitterroot College if the necessary requirements are completed.

PRE-REQUISITE: Teacher recommendation and Junior or Senior

SCIENCE

GOAL STATEMENT:

Science and technology affect every aspect of our lives; therefore, all participating citizens of a democracy need to be scientifically literate, and all high school graduates need basic scientific competencies. Their training must begin at the primary level and continue through high school. High School should include two years of science. A wise decision making, problem solving, scientifically literate society is the expected end product of a science curriculum.

OBJECTIVES:

Students will:

learn the process skills of science: observing, classifying, measuring, communicating, inferring, and experimenting.

understand the interrelationship between science and other school subjects, everyday life, and living things.

acquire skills in studying, learning, reasoning, creative and critical thinking, and problem solving.

develop an appreciation of science and technology.

develop an awareness of careers and jobs in science and technology.

develop an understanding of the basic principles of matter-energy, living and non-living, and nature and man relationships.

PHYSICAL SCIENCE

SCIENCE

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADES: 9 - 10

DESCRIPTION OF CLASS: Freshmen students must enroll in Physical Science unless they have been teacher-recommended in General Science or Biology. This course will focus on the natural world in terms of matter, forces and energy and their interactions. The student will master the basic elements of Chemistry and Physics, with integration of math skills to understand the quantity and units of measurements. Students will experience science in a series of discussions, demonstrations, and hands-on-labs, group projects and problem-solving activities.

PRE-REQUISITE: None

I INTRODUCTION TO HEALTH SCIENCE

SCIENCE

CREDITS: .5

LENGTH OF CLASS: Semester

GRADES: 9 - 12

DESCRIPTION OF CLASS: This is an introductory course designed to expose students to various aspects of the health science career field and prepare students for further study in health science course offerings at HHS and the college level. This foundation course exposes students to health science foundation information for students interested in becoming everything from a paramedic to a surgeon..

PRE-REQUISITE: None

ENVIRONMENTAL SCIENCE

SCIENCE

CREDITS: .5

LENGTH OF CLASS: Semester

GRADES: 11 - 12

DESCRIPTION OF CLASS: The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them..

PRE-REQUISITE: Biology

BIOLOGY

SCIENCE

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 9 - 12

DESCRIPTION OF CLASS: Biology is designed to provide students with a general understanding of living systems. Emphasis is placed on the concepts necessary to explore and better understand the natural world. Students will be involved in a variety of laboratory experiences that will strengthen their understanding of scientific method and key concepts.

PRE-REQUISITE: Physical Science. Freshmen may enroll if they are concurrently enrolled in Geometry and have an instructor recommendation.

CHEMISTRY

SCIENCE

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 10 - 12

DESCRIPTION OF CLASS: The science of chemistry includes a study of the properties, composition and the structure of matter. It also includes the changes that this matter undergoes when acted upon by some form of energy. This class introduces the student to the basic concepts in chemistry on both the theoretical and experimental level.

PRE-REQUISITE: Algebra I. Concurrent enrollment in Algebra II is strongly recommended.

CLASSROOM WITHOUT WALLS

SCIENCE

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 11 - 12

DESCRIPTION OF CLASS: Fundamental concepts of physical geology. Topics include the differentiation of the Earth, origin of the oceans and atmosphere, igneous, metamorphic, and sedimentary processes, earthquakes, plate tectonics, mountain building, surficial processes, glaciation and climate modeling, geologic time, evolution of life, and Earth history. Includes field-based and hands-on experience with rocks, minerals, fossils, and maps. Students taking this field-based class will work as a team to design and perform field research and produce written and oral reports concerning a research, natural resource inventory, and/or environmental assessment problem. A multi-disciplinary approach to problem-solving is incorporated. Student evaluation will be based on quantity and quality of personal contribution to the project effort, ability to function in a team environment, peer review, effectiveness of field approach, and demonstrations of written and oral communication skills.

PRE-REQUISITE: None

PHYSICS

SCIENCE

CREDITS: 1
 LENGTH OF CLASS: Full Year
 GRADES: 11 - 12

DESCRIPTION OF CLASS: This is an introductory course in physics. It is intended to acquaint the student with the basic principles of the science of physics both on the theoretical and experimental level.

PRE-REQUISITE: Algebra II

A.P. CHEMISTRY

SCIENCE

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 11 - 12

DESCRIPTION OF CLASS: Advanced Chemistry is a more in depth study of the basic principles of general chemistry. This class is taught at a college level and is intended for the student who intends to pursue a career in science, medicine or engineering. Students have the opportunity to take the A.P. Chemistry Exam at the end of the year. Many colleges grant credit for the successful completion of the A.P. Chemistry Exam.

PRE-REQUISITE: Chemistry and consent of instructor

BIOTECHNOLOGY

SCIENCE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10 - 12

DESCRIPTION OF CLASS: Biotechnology will explore advanced lab techniques that involve the use of living cells and/or biological molecules to make useful products. Students will be directly involved in a variety of laboratory experiences such as bacterial transformation, protein purification, DNA extraction and amplification, DNA and protein electrophoresis and ELISA.

PRE-REQUISITE: General Biology

FORENSICS

SCIENCE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10-12

DESCRIPTION OF CLASS: Students will learn how forensic science is used as an important tool in our criminal justice system. Students will gain confidence in problem solving through the collection of physical evidence, application of laboratory techniques, and logical reasoning. Laboratory activities involve the analysis of latent fingerprints, hair, fiber, blood and DNA.

PRE-REQUISITE: General Biology

ANATOMY/PHYSIOLOGY

SCIENCE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11-12

DESCRIPTION OF CLASS: This course covers the fundamental and principle concepts of human anatomy and physiology. An anatomy in clay learning system will be used for this class. Topics include: an introduction to the directional orientation of the body, movements of the body, the structure and function of different tissue types, skeletal and muscular systems and a look into the different organs systems of the body. There will be one dissection at the end of the semester. Anatomy/physiology is a one semester course.

PRE-REQUISITE: Students must earn a B or better in Biology

ASTRONOMY

SCIENCE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11- 12

DESCRIPTION OF CLASS: To be successful in astronomy, students should have an interest in the nighttime sky and the questions that are still unanswered regarding our universe. Students should also be ready to work cooperatively in the lab during class. Sample topics: Orientation of the Night Sky, the Sun and Other Stars, Comets and Asteroids, Life on Planets, Humans in Space, Robotics, Rockets and Shuttles..

PRE-REQUISITE:

BASIC GENERAL SCIENCE I (Physical) and II (Life)

SCIENCE

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADE: 9-12

DESCRIPTION OF CLASS: A basic, guided-inquiry approach to the study of the Physical and the Life Sciences, with emphasis on vocabulary, data collection and measurement, and applications of lab experiences to the real natural world. This course will be conducted on a two year rotational basis with Basic General Science I focusing on physical science and Basic General Science II focusing on life science.

PRE-REQUISITE: Administrative approval based upon teacher recommendation, previous performance in Science classes, and standardized test scores.

SOCIAL STUDIES

GOAL STATEMENT:

The goal of the Hamilton High School Social Studies Department is to engage students in analyzing and resolving the issues confronting them by drawing on the content and techniques of the social science disciplines as well as the beliefs and considered values of students whenever and wherever appropriate.

OBJECTIVES:

Students will

be helped to develop into useful, independent, contributing citizens.

be given the opportunities to learn about their world through involvement with numerous social sciences.

systematically develop the ability to think critically about issues.

understand and participate in the democratic process.

develop an appreciation and understanding of diverse cultural systems and the recognition that certain unique human factors unite all cultures.

develop an emphasis of individual and group commitment and responsibility for the perpetuation of the rights and privileges of free men.

have the realization of the inevitability of change as it affects societal adjustment in the role of interdependence among individuals, societies and nations.

develop an understanding of the monetary system of the United States and how it relates to other currencies on a global basis.

GLOBAL STUDIES

REQUIRED CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADE: 9

DESCRIPTION OF CLASS: This course is a survey course that gives students the opportunity to examine the broad range of world cultures in order to have a better understanding of our interdependent world. In addition, students will look at the various elements of culture and how these elements can change through the process of diffusion. At the conclusion of this course, the students will have a better understanding of the geographical features and political boundaries of past and present day nations. Global studies provides the foundation that enable student to acquire the knowledge that will be used in the study of civics, Economics and United States History.

PRE-REQUISITE: None

BASIC U.S. HISTORY

REQUIRED CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADE: 11

DESCRIPTION OF CLASS: 11th grade Basic U.S. History is a survey course of American History. It will review the period of history from 1607 to 1877 covered in depth in the 8th grade focusing on government and events of that period that impacted more recent U.S. History. The primary focus of the class will be the time period from the end of Reconstruction to the present. The class will explore the past to create an understanding of the present and to gain a sense of what may happen in the future. Class will be taught with a hands on approach focusing on geography, important events in and people in the U.S. and how they shape America.

PRE-REQUISITE: Teacher Referral

U.S. HISTORY

REQUIRED CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADE: 11

DESCRIPTION OF CLASS: 11th grade U.S. History is a survey course of American History. It will review the period of history from 1607 to 1877 covered in depth in the 8th grade focusing on government and events of that period that impacted more recent U.S. History. The primary focus of the class will be the time period from the end of Reconstruction to the present. The class will explore the past to create an understanding of the present and to gain a sense of what may happen in the future. All juniors must enroll in U.S. History. The class is required for graduation, as well as for entrance into a Montana University System college or university.

PRE-REQUISITE: None

AP U.S. HISTORY

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 11-12

DESCRIPTION OF CLASS: Advanced Placement U.S. History is a rigorous U.S. History course commensurate with a freshman level college survey course in U.S. History. Students taking this course will have a required summer reading list assigned and a written assignment due on the first day of school in September. Students taking a AP U.S. History class will have the opportunity to take the AP U.S. History exam in May of the school year to earn college credit. This class will be taken in conjunction with AP English III Language and Composition.

PRE-REQUISITE: None (may need teacher approval)

AMERICAN GOVERNMENT

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 12

DESCRIPTION OF CLASS: At the conclusion of the course, the student will have a knowledge of our branches of government and how they combine to form our democratic system of government. He/she should have the realization of the differences between our government and the governments of other countries. He/she will have knowledge of how foreign affairs affect the U.S. and the world community. The course has a community service component imbedded in the class. This class is required for graduation, as well as for entrance into a Montana University System college or university.

PRE-REQUISITE: None

AP U.S. GOVERNMENT AND POLITICS

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 12

DESCRIPTION OF CLASS: AP 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 successfully completing this course will: • know important facts, concepts, and theories pertaining to U.S. government and politics • understand typical patterns of political processes and behavior and their consequences (including the components of political behavior, the principles used to explain or justify various government structures and procedures, and the political effects of these structures and procedures) • be able to analyze and interpret basic data relevant to U.S. government and politics (including data presented in charts, tables, and other formats) • be able to critically analyze relevant theories and concepts, apply them appropriately, and develop their connections across the curriculum.

PRE-REQUISITE: None

BASIC AMERICAN GOVERNMENT

REQUIRED CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADE: 12

DESCRIPTION OF CLASS: At the conclusion of the course, the student will be able to demonstrate a working knowledge of the Constitution. He/she will be able to compare different economic and governmental systems. Students will be able to list political, economic, and environmental problem areas and discuss them intelligently.

PRE-REQUISITE: Teacher Referral

THE HISTORY OF WESTERN CIVILIZATION I

ELECTIVE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10-12

DESCRIPTION OF CLASS: Students will be exposed, and in turn tempted, to look at our modern world through the tinted lens of previous perspectives, ideologies and cultural norms. This course is designed to develop an understanding in the student of the origins and development of Western Civilization. This course is an elective, which can be taken first semester. We will study the progression of Western Civilization beginning with: The Greek ty states, Greece's Golden and Hellenistic Ages, The Roman World, The Byzantine Empire and Kievian Russia, The Rise of the Middle Ages and the Renaissance and Reformation.

PRE-REQUISITE: None

THE HISTORY OF WESTERN CIVILIZATION II

ELECTIVE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10-12

DESCRIPTION OF CLASS: Students will be exposed, and in turn tempted, to look at our modern world through the tinted lens of previous perspectives, ideologies and cultural norms. This course is designed to develop an understanding in the student of the origins and development of Western Civilization. This course is an elective, which can be taken second semester.. We will progress in the second semester with Exploration and Expansion, Enlightenment & Revolution, the Age of Reform, Age of Imperialism, The Great Depression and with the Rise of Totalitarianism.

PRE-REQUISITE: None

LEADERSHIP STUDIES

ELECTIVE

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 10-12

DESCRIPTION OF CLASS: This course encourages personal growth through the exploration of everyday leaders who have overcome tremendous odds to achieve great things. What factors inspire people to lead lives of significance? Students will explore timeless principles necessary for true leadership like, courage, respect, responsibility, preparation, gratitude, goal setting, service, self-evaluation, integrity, attitude, vision, and self-discipline. The course guides students through practical steps to develop true leadership in their lives and the lives of others. With the use of books, guest speakers and videos to support students' character development, the class will be heavy on discussion as we attempt to identify and resolve ethical dilemmas. In short, Leadership Studies will be fun, informative, challenging and very relevant. Students will be challenged to immediately apply what they learn to their daily lives.

PRE-REQUISITE: Global Studies

MONTANA HISTORY & LITERATURE

ELECTIVE

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9 – 12

DESCRIPTION OF CLASS: At the conclusion of the semester, the student will be able to understand and demonstrate an understanding of our state and county governments. Also the students will learn important geographical points in Montana, along with many skills. Students will also understand the heritage of our State with the Indian cultures and continuing to the present. This class is an elective class and is open to all students.

PRE-REQUISITE: None

SPECIAL EDUCATION

GOAL STATEMENT:

The goal of the Resource Department is to help students achieve to their full potential; to help them develop a more positive self-concept through meaningful success and to prepare them for school and life after high school.

OBJECTIVES:

Students will:

have academic opportunities to develop an understanding of human relationships pertaining to jobs.

be provided academic opportunities directly related to the daily living skills, personal-social skills, pre-vocational skills and vocational goals for the student.

increase academic competency for HHS classes through an emphasis on improving basic skills.

be provided with instruction to develop and improve study skills and study habits.

be provided learning experiences adapted to fit their individual academic and vocational needs.

BASIC ENGLISH (I, II, III IV)

ENGLISH

CREDITS: 1

GRADES: 9 - 12

DESCRIPTION OF CLASS: Students will develop speaking, reading and writing skills necessary for success in day to day experiences, both in school and in adult life. Basic English class works on individual needs. Specific course work based on student's current IEP.

PRE-REQUISITE: Current IEP

BASIC MATHEMATICS (I, II)

MATHEMATICS

CREDITS: 1

GRADES: 9 - 12

DESCRIPTION OF CLASS: Students will develop math skills needed to function in day-to-day experiences both in school and in adult life. Specific course work based on student's current IEP.

PRE-REQUISITE: Current IEP

BASIC CONSUMER MATH

MATHEMATICS

CREDITS: 1

GRADES: 10-12

DESCRIPTION OF CLASS: This course will focus on practical applications of math in today's world and personal business dealings. Students will learn how to open and use a checking account, to manage money, to create and use a budget, and to spend wisely. Emphasis will be on accurate application of the basic math skills. Specific course work based on student's current IEP.

PRE-REQUISITE: Current IEP

BASIC LIFE/WORKS SKILLS

ELECTIVE

CREDITS: 1

GRADES: 9 - 12

DESCRIPTION OF CLASS: Students will work on developing basic life skills, social, hygiene, nutrition, cleaning, cooking/meal preparation, safety skills in the home and community. Students will develop needed work skills to help transition into the job market. Each student will participate in a variety of activities which are designed to meet their specific needs based on the goal in their respective IEPs. Specific course work based on student's current IEP.

PRE-REQUISITE: Current IEP

LEARNING LAB

ELECTIVE

CREDITS: 1
GRADES: 9 - 12

DESCRIPTION OF CLASS: Learning lab will help students develop organizational skills and sound study habits. Emphasis will be on proper note taking skills, task completion, organization, test-taking skills and study habits. Students will develop an understanding of their individual learning styles and learn to assume responsibility for their own school success. Specific course work based on student's current IEP.

PRE-REQUISITE: Current IEP or Administrative Approval

TRANSITIONS FOR LIFE

ELECTIVE

CREDITS: 5 PASS/FAIL
LENGTH OF CLASS: 2ND SEMESTER
GRADES: 11-12

DESCRIPTION OF CLASS: The student will be provided training in self-advocacy career exploration, soft skills, effective communication skills and personal finance. Service agencies in the community will teach skills and assist students writing/updating resumes, complete job applications and practice interviews as well as learn about personal finance. Students will be given opportunities to meet with staff for the Vocational Rehabilitation Agency, MT Job Service and local employment agencies, Colleges/training opportunities are also available.

PRE-REQUISITE: Approval of Instructor



SPECIAL PROGRAMS

INTERNSHIP

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11-12

DESCRIPTION OF CLASS: The Internship will develop skills dealing with career awareness, career interests, work behaviors and job seeking skills. The student may then choose to have a variety of job shadowing experiences, or immediately begin an internship in the community. Through interning at businesses, or non profit agencies, the students will develop job skills necessary for successful employment and guidance in career selection. Students that would like to intern in **health career fields** must have Intro to Health Science.

PRE-REQUISITE: Approval of Instructor.

INTERNSHIP II

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: Semester
GRADES: 11 - 12

DESCRIPTION OF CLASS: The student will expand the exploration of their career interest area and continue developing a better understanding of work behaviors and job seeking skills. The student may choose to participate in job shadowing or go directly into their internship. A final project of the student's choice will be required.

PRE-REQUISITE: Internship I and approval of instructor.

EXPLORING EXCEPTIONALITIES

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 10- 12

DESCRIPTION OF CLASS: This class gives students an opportunity to work with students with special needs in instructional settings under the direction of teachers and Para-educators. Completion of a packet on disabilities and a journal-notebook and good attendance will be required as part of the pass/fail grade.

PRE-REQUISITE: Approval of Instructors

INDEPENDENT STUDIES

ELECTIVE CLASS

CREDITS: .5
LENGTH OF CLASS: One Semester
GRADES: 9-12

DESCRIPTION ON CLASS: Students in the Independent Studies class will create and design their own project or research topic of interest. With guidance, each student will propose, map out, pursue, and complete a self-designed project. This class incorporates a flexible organization that allows time and space to pursue topics of individual curiosity.

This elective class is available to all Spectra-identified gifted students. Eligibility can also be determined by gifted Placement testing, please contact Mr. Schraeder or Ms. Rhodz for testing information.

WORLD LANGUAGES

GOAL STATEMENT:

A goal of the World Language Department is to acquaint students with other cultures. It is imperative that the United States become part of the global community, and this can only be accomplished by understanding other nationalities.

Another goal of this department is to give students a second language. By the time students have completed the first level of study, they should be able to use simple verbal and written communication using appropriate learned vocabulary, word order, and grammatical forms and to read silently and aloud with comprehension in the language studied. Each year will add conversational ability and reading comprehension as well as strengthen writing skills.

OBJECTIVES:

Students will:

acquire basic speaking, writing, reading, and listening skills in the language studied.

learn to appreciate and understand the culture of the countries of the language studied.

be able to comprehend the structure of the language studied.

be able to demonstrate knowledge of the geography of the countries of the language studied.

gain insight into the roles of these countries in the affairs of the U.S. and the whole world.

GERMAN I

ELECTIVE CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADES 9 - 12

DESCRIPTION OF CLASS: German I is designed so that students acquire basic speaking, writing, reading, and listening skills in German, appreciate and understand the culture of German speaking countries, comprehend the structure of the German language as compared to the English, demonstrate knowledge of geography of German countries, and to gain insight into the role of German countries in the affairs of the U.S. and the world as a whole.

*Note: Successful completion of semester 1 is essential. Should a student fail semester 1, he/she will be invited to wait until the following Fall to retake German I

PRE-REQUISITE: None

GERMAN II

ELECTIVE CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADES: 9 - 12

DESCRIPTION OF CLASS: This class is designed so that students acquire intermediate speaking, writing, reading, and listening skills in German. Students will continue their appreciation and understanding of the culture of German speaking countries, their comprehension of the structure of the German language as opposed to the English, and demonstration of knowledge of geography of the German speaking world and insight into the role of Germany and European countries in affairs of the U.S. and of the world as a whole.

PRE-REQUISITE: German I

GERMAN III

ELECTIVE CLASS

CREDITS: 1

LENGTH OF CLASS: Full Year

GRADES: 10 - 12

DESCRIPTION OF CLASS: This course is designed to allow students to continue intermediate speaking, writing, reading, and listening skills in German - in much more specific and diversified areas. Students will continue their appreciation and understanding of German speaking countries language and culture. They will accomplish this through oral and written activities along with unit projects. The course will require students to broaden their perspectives of the United States and Germany as a part of the European community.

PRE-REQUISITE: German II

*German III and German IV are a combined class. The curriculum will alternate each year.

AP GERMAN IV

ELECTIVE CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 12

DESCRIPTION OF CLASS: This course provides an extensive review of previous German language structure. It deepens reading comprehension and appreciation of various forms of German literature and provides more informal conversational situations.

PRE-REQUISITE: German III

SPANISH I

ELECTIVE CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES 9 - 12

DESCRIPTION OF CLASS: The purpose of this course is to give first year students basic communication skills of listening, speaking, reading and writing in Spanish; acquire and appreciate the culture of Spanish speaking countries; make connections to other disciplines; recognize linguistic and cultural similarities and differences with their own; apply that knowledge in daily life.

PRE-REQUISITE: None

SPANISH II

ELECTIVE CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 10 - 12

DESCRIPTION OF CLASS: The purpose of this course is to give second year students an opportunity to build upon the communication skills of listening, speaking, reading and writing acquired in first year Spanish; better appreciate the culture of Spanish speaking countries; make more connections to other disciplines, including the use of authentic materials; gain a deeper recognition of linguistic and cultural similarities and differences with their own; apply that knowledge in daily life.

PRE-REQUISITE: Spanish I

SPANISH III & IV

ELECTIVE CLASS

CREDITS: 1
LENGTH OF CLASS: Full Year
GRADES: 11 - 12

DESCRIPTION OF CLASS: The purpose of this course is to continue refining communication skills of listening, speaking, reading and writing acquired in second/third year Spanish; better appreciate the culture of Spanish speaking countries; make more connections to other disciplines, including the increasing use of authentic materials; gain a deeper recognition of linguistic and cultural similarities and differences with their own; apply the knowledge in daily life.

PRE-REQUISITE: Spanish II
