

SWEET GRASS COUNTY HIGH SCHOOL

Big Timber, Montana 59011

STUDENT REGISTRATION GUIDE

2010-2011 SCHOOL YEAR

Definitions of Terms Used in This Guide

Credit:

In the high school years, nine through twelve, a unit of credit (one credit) is awarded for the successful completion of the work of any class meeting one full period per school day for an entire school year.

A Required Course:

A required course is one that must be successfully completed before graduation.

Prerequisite:

A prerequisite is a requirement that must be fulfilled before a particular course may be taken usually the completion of a more basic course. Some courses have prerequisites; some do not.

GRADUATION REQUIREMENTS

Sweet Grass County High School requires students to take six subjects per year with 23 credits required for graduation. Students are required to enroll in six courses per semester.

REQUIREMENTS FOR GRADUATION ARE:

- 4 credits in Language Arts
 - 1 passing independent research paper - assigned Eleventh Grade
- 2 credits in Mathematics
- 2 credits in Science
- 1 credit in American History
- 1 credit in American Government
- 1 credit in Health Enhancement
 - .5 credit - Ninth Grade
 - .5 credit - Tenth Grade
- 1 credit in Vocational Education
 - .5 credit in Keyboarding Applications
 - .5 credit in another Vo. Ed. Course (Family & Cons. Science, Vo. Ag. or Business)
- 1 credit of Fine Arts

REQUIREMENTS FOR MONTANA UNIVERSITY SYSTEM ARE:

- 4 credits in Language Arts
- 3 credits in Mathematics (Algebra I, Geometry, Math III)
- 2 credits in Laboratory Science
- 1 credit in American History
- 1 credit in American Government
- 1 credit in World Geography or World History
- 1 credit in Health Enhancement
- .5 credit in Keyboarding Applications
- 2 credits of Foreign Lang., Comp. Science, Visual or Performing Arts, or Vocational and Agricultural Education

SWEET GRASS COUNTY HIGH SCHOOL COURSES

<u>Course</u>	<u>Credit</u>	<u>Class</u>	<u>Page</u>
AG. ED.			
Ag Business	1/2	9-12	5
Ag. Construction I	1/2	9-12	5
Ag. Construction II	1/2	11-12	5
Ag. Ed. I	1/2	9-12	5
Ag. Ed. II	1/2	9-12	5
Ag Welding I	1/2	9-12	6
Advanced Ag Welding	1/2	9-12	6
Ag. Leadership I, II, III	1/2	10-12	6
Ag Mechanics	1/2	9-12	7
Adv. Ag. Mechanics	1/2	10-12	7
Ag. Marketing	1/2	9-12	7
Ag. Technology	1/2	1012	7
Agri-Science	1/2	9-12	7
Animal Science I	1/2	9-12	7
Animal Science II	1/2	9-12	8
Small Gas Engines/Electrical Wiring	1/2	9-12	8
Ag. Woodworking	1/2	9-12	8
ART			
Art I	1/2	9-12	9
Art II	1/2	10-12	9
Art III	1/2	11-12	9
Pottery	1/2	9-12	9
BUSINESS & COMPUTERS			
Keyboarding Applications	1/2	9-10	10
Office Practice	1/2	10-12	10
Business Computers	1/2	9-12	10
Consumer Economics	1/2	10-12	10
Accounting I	1/2	10-12	11
Advanced Accounting	1/2	11-12	11
Intro to Computers	1/2	9-12	11
Programming	1/2	10-12	11
Advanced Programming I	1/2	10-12	12
Yearbook: Publishing and Management	1	10-12	12
ENGLISH			
Communication Arts I, II, III, IV	1	9-12	13
Honors English I	1	9	13
English I	1	9	13
Language and Literature	1/2	10	13
Composition	1/2	10	14
A.P. English	1	11-12	14
Creative Writing	1/2	10-12	14
Drama	1/2	10-12	15
English Literature I	1/2	10-12	15
Film & Literature	1/2	11-12	15
Frontier Literature	1/2	10-12	16
Journalism	1	11-12	16
Montana Heritage	1/2	10-12	16
Mythology	1/2	10-12	17
Novel	1/2	10-12	17
Poetry	1/2	10-12	17
Science Fiction	1/2	10-12	18
Shakespeare	1/2	10-12	18
Speech & Debate	1/2	10-12	18
Themes in Literature	1/2	10-12	19
World Literature I & II	1/2	10-12	19

FAMILY AND CONSUMER SCIENCE

Culinary Arts I & Nutrition	1/2	9-12	20
Culinary Arts II & Entrepreneurship	1	11-12	20
Interior Design	1/2	9-12	20
Fiber Arts	1/2	9-12	21
Textiles and Apparel	1/2	9-12	21
Fashion Design & Entrepreneurship	1/2	9-12	21
Skills for Life	1/2	11-12	21
Family Living & Health	1/2	9-12	22
Early Childhood & Parenting	1/2	9-12	22

HEALTH ENHANCEMENT

Health Enhancement I	1/2	9	23
Health Enhancement II	1/2	10	23
Advanced P. E.	1/2	10-12	23

HISTORY

World Geography I & II	1/2	9-12	24
World History	1/2	9-12	24
American History	1	11	25
Montana History	1/2	10-12	25
Government	1	12	26
A.P. United State Government & Politics	1	11-12	26

MATH

Algebra A	1	9-12	27
Algebra B	1	9-12	27
Algebra I	1	9-12	27
Geometry	1	9-12	28
Algebra II & Trigonometry	1	10-12	28
Precalculus	1	11-12	28
A.P. Calculus AB	1	11-12	28
A.P. Statistics	1	11-12	29

MUSIC

Band	1/2	9-12	30
Beginning Guitar	1/2	9-12	30
Advanced Guitar	1/2	9-12	30
Chorus	1/2	9-12	31

PARTNERS-IN-LEARNING

Partners-in-Learning	varies	9-12	32
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SCIENCE

Integrated Science	1	9-12	33
Earth Science	1	9-10	33
Biology I	1	9-12	33
Biology II	1	10-12	34
Honors Biology	1	9	34
Chemistry	1	11-12	35
A.P. Chemistry	1	11-12	35
Physics	1	11-12	35
A.P. Biology	1	11-12	35

SPEECH

Mass Media	1/2	9-12	36
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WORLD LANGUAGES

Spanish I, II, III, and IV	1	9-12	37
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AG. EDUCATION

COURSE: Ag Business
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This course is intended for the Ag-Ed student who is interested in the financial world of agriculture. All aspects of finances in the world of agriculture will be covered including financial instruments, credit, markets and marketing, financial strategies and entrepreneurship.

COURSE: Ag. Construction I
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This course is designed for the Ag student who wishes to develop their skills in the area of construction. The course will be project based and students will be required to select, design, and build a quality project(s) using proper safety and construction methods.

COURSE: Ag. Construction II
GRADE: 9-12
PREREQUISITES: Ag. Construction I
CREDIT: 1/2

COURSE DESCRIPTION: This course is designed for the Ag student who wishes to develop their skills in the area of building construction. The course will be project based and students will work in teams in the production of various agriculture buildings.

COURSE: Ag. Ed. I
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This is the introductory course to the Sweet Grass Co. High School Ag-Ed program. Students in this course will be exposed to the FFA, Parliamentary Procedure, Personal Development, SAE, Lab Safety and Fabrication and Planning of a project(s)

COURSE: Ag Ed II
GRADE: 9-12
PREREQUISITE: Ag I
CREDIT: 1/2

COURSE DESCRIPTION:

This course is intended for the second year Ag-Ed students whose interest is more science based as opposed to mechanical based. Topics to be cover include SAE, Plant Science, Water quality and soil science. This course provides the students a solid base for entering the plant and soil science careers and provides a strong basis for competition in the range and agronomy CDE areas.

COURSE: Ag Welding I
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This course is for the mechanical minded student who wishes to become proficient in the area of welding. Arc, MIG, and Oxy-acetylene welding will be covered as well as the proper safety procedures. Class will focus on the student's ability to weld several different joints and weld in different positions with all types of welding machines owned by the Ag Department.

COURSE: Advanced Ag Welding
GRADE: 9-12
PREREQUISITES: Ag Welding I
CREDIT: 1/2

COURSE DESCRIPTION:

This course is intended for the 2nd year welding student. The course will be based on the student's ability to select and complete a welding project using several of the skills developed in Ag Welding I.

COURSE: Ag Leadership
GRADE: 9-12
CO-REQUISITE: FFA Member and consent of instructor & enrolled in another ag. class
Credit: 1/2

COURSE DESCRIPTION:

This course is for the Ag-Ed student who is actively involved in the intra-curricular FFA program. This course will allow students to build stronger SAE's, develop stronger CDE skills, receive leadership training, and achieve strong personal development skills that lead to employment opportunities. Parliamentary procedure.

COURSE: Ag Leadership II
GRADE: 10-12
CO-REQUISITE: Ag Leadership I, FFA Member and consent of instructor.
Credit: 1/2

COURSE DESCRIPTION:

This course is for the Junior or Senior Ag-Ed student/FFA member who has been actively involved in the intra-curricular FFA program. This course will allow students to build stronger SAE's, develop stronger CDE skills, receive leadership training, and achieve strong personal development skills that lead to employment opportunities.

COURSE: Ag Leadership III
GRADE: 11-12
CO-REQUISITE: Ag. Leadership I and II and FFA Member and consent of instructor.
Credit: 1/2

COURSE DESCRIPTION:

This course is for the Senior Ag-Ed student/FFA member who has been actively involved in the intra-curricular FFA program. This course will allow students to build stronger SAE's, develop stronger CDE skills, receive leadership training, and achieve strong personal development skills that lead to employment opportunities.

COURSE: Agriculture Mechanics
GRADE: 9-12
PREREQUISITES: Small Gas Engine/Electrical Wiring
CREDIT: 1/2

COURSE DESCRIPTION:

This course is designed for the mechanical student who wishes to develop mechanical skills by designing and working on an Ag mechanic project of their choosing. Projects may include, but are not limited to, engine overhaul, equipment maintenance, and automotive maintenance.

COURSE: Advanced Agriculture Mechanics
GRADE: 10-12
PREREQUISITES: Ag. Mechanics
CREDIT: 1/2

COURSE DESCRIPTION:

In addition to the requirements listed for Ag. Mechanics, Adv. Ag. Mechanics students will do more supervising of projects. Also, the student will do more work on overhauling and other complex projects when equipment and projects permit. The intent is for the student to work a little more in depth on various projects.

COURSE: Agricultural Marketing
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This course is designed for the student who wishes to enhance their communication skills and become a more marketable person in the working world. The class will consist of sales and service skills, and various communication skills. The student will be expected to complete and present several Ag communication projects developed throughout the semester.

COURSE: Agriculture Technology
GRADE: 10-12
PREREQUISITES: Geometry
CREDIT: 1/2

COURSE DESCRIPTION:

This course is designed for the mechanical or technology students who wish to develop their skills in various areas of agriculture technology. Areas to be covered include the various methods of power transmission, precision agriculture technology (GPS, Arc View etc.), Computer Aided design.

COURSE: Agri-Science
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This course is designed to cover the new "areas" of agriculture including Hydro-culture, landscape and turf management, Floriculture, biotechnology, and environmental sciences. This course will be a lab-based class with many lab and outdoor activities to develop skills in the broadening areas of agriculture.

COURSE: Animal Science I
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

Animal Science I is designed to provide the student with a basic, general understanding of animal agriculture. Topics covered include: the origin of livestock, animal rights, basic life process, animal breeds, basic nutrition, basic genetics, animal selection, diseases, careers, FFA introduction.

COURSE: Animal Science II
GRADE: 9-12
PREREQUISITES: Animal Science I
CREDIT: 1/2

COURSE DESCRIPTION:

This course is intended for the 2nd year Animal Science student. Emphasis of the course will be studying Food/Meat Science, reproduction in livestock, feeds and feeding as well as vet care and management of livestock, equine, and wildlife. The course will contain lab activities in the meat and food science area and will contain several project-based assignments.

COURSE: Small Gas Engines/Electrical Wiring
Grade: 9-12
Prerequisite: None
Credit:1/2

COURSE DESCRIPTION:

This course is designed for the student who has an interest in electrical wiring and small gas engines. The course will cover the principles of wiring and internal combustion engines and students will complete several wiring projects, as well as do a complete overhaul on a small gas engine owned by the Ag Department.

COURSE: Ag. Woodworking
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

Ag Woodworking provides the students the opportunity to plan and build individual projects using advanced construction techniques. Proper tool adjustment, safe tool use and quality workmanship will be emphasized.

ART

COURSE: Art I
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This course is a full year course. Students may enroll in either semester or both. Students will study the elements of art. Semesters will begin with projects that reflect the history of art. Different mediums plus student's imagination will be applied to create artwork. Drawing, painting, printmaking, ceramics and a variety of projects will be completed. Tests, critiques, and a research paper will be used for student evaluation. Portfolios will be used to collect and protect student work. Students' work will be exhibited at an end of the year Art Show. Class discussion will reflect how important art has impacted history and how it has influenced and served as a record of the world.

COURSE: Art II
GRADE: 10 -12
PREREQUISITES: At least 1 semester of Art I
CREDIT: 1/2

COURSE DESCRIPTION:

This course is a full year course. Students may enroll in either semester or both. Students will study design and more thoroughly explore a variety of media and techniques. Class time will be devoted to individuals working in their preferred medias. Group projects will also be part of the curriculum.

COURSE: Art III
GRADE: 11-12
PREREQUISITES: At least 3 semesters of Art
CREDIT: 1/2

COURSE DESCRIPTION:

This course is a full year course. Students may enroll in either semester or both. Art III will be a continuation of Art II. Group and independent projects will center on individual preferences and interests for the semester. Projects may coincide with Art I and Art II activities. This course is designed for students who are exceptionally talented and motivated in art. The course of study will be developed jointly by the teacher and student to best suit the individual students' needs.

COURSE: Pottery
GRADE: 11-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

The elements and principles of Art will be taught to help students learn Art terminology when working with pottery. The students will learn the process and history of pottery. The development of varied clays and their uses will be examined. Students will hand-build, coil, sculpt and use the wheel to create all types of pottery.

The process to bisque, fire and glaze will be covered throughout the semester. Different techniques in firing and glazing will be presented and use throughout the projects. Loading and firing the kiln along with a variety of firing processes will be discussed. Students will research and examine pottery throughout history, enhancing the students' knowledge of how important and vast pottery has been throughout the world.

BUSINESS & COMPUTERS

Course: Keyboarding Applications

Grade: 9 - 10

Prerequisites: Mastery of "touch" typing method--15 wpm

Credit: 1/2

Course Description:

In this class increased speed and accuracy of typing techniques will be emphasized. Formatting skills will be taught for business letters, memos, reports using MLA format and tables. Word processing and text editing skills as well as units on the typewriter and CIS will also be taught. This class is designed to introduce students to the word processing and formatting skills they will be required to use during high school.

***This course has been accepted for tech prep credit. See guidance counselors for details.

COURSE: Office Practice

GRADE: 10-12

PREREQUISITES: Keyboarding Applications

CREDIT: 1/2

COURSE DESCRIPTION:

A general overview of different skills and machines used in an office. Students will learn how to use word processing software, 10-key calculators and other basic office equipment. Students will also study office filing systems including alphabetic, numeric and geographic filing and telephone techniques. This class is designed to prepare students for entry-level positions in business.

COURSE: Business Computers

GRADE: 9-12

PREREQUISITES: Keyboarding Applications & Algebra I

CREDIT: 1/2

COURSE DESCRIPTION:

Microsoft Word 2003 will be used for word processing units. An in depth study of Word 2003 features will be covered as well as formatting skills. Tables, mail merging, special formats, macros and desktop publishing will be covered.

PowerPoint 2003 will be used for preparation of presentations. Several slide shows will be completed using template designs, autolayout, autosshapes, and clip art.

Microsoft Excel 2003 is a powerful spreadsheet program that allows students to organize data, complete calculations, make decisions, graph data, and develop professional looking reports. Objectives include: teaching the fundamentals of Microsoft Excel 2003 and acquainting students with proper procedures to create worksheets suitable for coursework, professional purposes and personal use.

Microsoft Access 2003 is a program known as a database management system. A computerized database management system allows you to store, retrieve, analyze, and print information.

99% of the students' time will be spent working on the computer.

COURSE: Consumer Economics

GRADE: 10-12

PREREQUISITES: None

CREDIT: 1/2

COURSE DESCRIPTION:

This course is designed to help students understand the role of business in a free enterprise economic system. It provides principles, concepts and understandings for the preparations of individuals as effective citizens, employees/employers, and consumers participating in the American free enterprise economy. Emphasis on "student-owned" businesses throughout the semester.

COURSE: Accounting I
GRADE: 10-12
PREREQUISITES: None
CREDIT: 1

COURSE DESCRIPTION:

Accounting I is a general bookkeeping class that primarily deals with proprietor and partnership accounting. Students will learn procedures for figuring expenses, revenue and payroll for a business. Basic accounting principles will be used to complete a business simulation. There is also a basic overview of corporate accounting and taxation.

***This course has been accepted for tech prep credit. See guidance counselors for details.

COURSE: Advanced Accounting
GRADE: 11-12
PREREQUISITES: Accounting I
CREDIT: 1

COURSE DESCRIPTION:

Advanced accounting is a continuation of Accounting I. Students will learn more in-depth accounting skills applied toward corporate work. Students will also be given computer time to complete automated accounting projects. Advanced Accounting should be advised for students planning on continuing their education in business.

COURSE: Intro to Computers
GRADE: 9-12
PREREQUISITES: Keyboarding
CREDIT: 1/2

COURSE DESCRIPTION:

Intro to Computers is an application-based course for students who want to learn more about computers. Topics covered include: computer literacy, Windows XP, Internet (searching, e-mail, etc.), creating and uploading web pages, data base, spreadsheet, graphic design, basic desktop publishing, creating multimedia presentations, and photo editing using Adobe Photoshop. Students spend 99% of their class time working on computers (PCs with Windows operating system.)

***This course has been accepted for tech prep credit. See guidance counselors for details.

COURSE: Programming
GRADE: 10-12
PREREQUISITES: min. Algebra I (1 year) or equivalent coursework with consent of the instructor
CREDIT: 1/2

COURSE DESCRIPTION:

This course is an introduction to computer programming using the TRUE BASIC computer language. Students solve increasingly difficult problems which require a strong mathematical background and skills in problem solving. Students complete a comprehensive semester project using the microcomputer.

Intro. to Computers is not a prerequisite for programming.

COURSE: Advanced Programming

GRADE: 10-12

PREREQUISITES: Programming & Algebra II; Concurrent enrollment in PreCalculus or AP Calc.; or consent of instructor

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This is an advanced computer programming course using the C++ computer language. Students solve increasingly difficult problems which require a strong mathematical background and skills in problem solving. Students complete a comprehensive semester project using the microcomputer.

COURSE: Yearbook: Publishing and Management

GRADE: 10-12

PREREQUISITES: Keyboarding Applications

CREDIT: 1 (Full Year Course)

COURSE DESCRIPTION:

This class will culminate with the submission of 120 pages (with deadlines throughout the school year) for the SGHS Timberline. This is a year long elective in vocational education - computer department. This class is open to grades 10-12.

The class will include: -photography

- developing headlines and copy, including interviewing techniques
- layout and design - graphic art skills
- Pagemaker skills on the computer
- advertising - sales and production
- record keeping - contract with publisher, advertising, book sales, supplies

Yearbook Publications will offer the students opportunity to participate in creating a memorable yearbook and acquire practical skills in a variety of areas.

Criteria for 2nd & 3rd year editors:

**Consent of Instructor

Positive Leaders

Responsible

Grade in 1st year class: A- or above

Photo taking and extras in 1st year class: A

Must be a good English student with above average spelling and grammar skills

Any students that meet these criteria will be allowed to take the class again as a editor. Editors will complete advanced photoshop and pagemaker lessons. They will have extra duties in the class including assisting students, training students, editing pages, creating templates, creating data base for ads accounts and sales, etc.

Year three students must come up with an independent plan of study for additional skills. One area that is recommended would be Adobe Illustrator, which is used in graphic design. Another area is movie editing and production.

ENGLISH**COURSE: Communication Arts I, II, III****GRADE: 9-11****PREREQUISITES: Qualified through test scores, grades, and teacher recommendation.****CREDIT: 1/2 per semester****COURSE DESCRIPTION:**

Communication Arts offer an individualized program for students who show a need for special instruction. All Communication Art skills are covered, similar to what is expected in other English courses with adaptations made for the individual.

COURSE: Honors English I**GRADE: 9****PREREQUISITES: Advanced course for freshmen English students with demonstrated aptitude and ability based on past performance and staff recommendations.****CREDIT: 1****COURSE DESCRIPTION:**

English I Honors is a survey course that introduces students to all other English offerings at SGHS. The first semester is a compacted offering of the full year of English I plus a few additional literature offerings. The second semester will include sophomore English material as well as the opportunity to review additional literature from Short Story, American Literature and Shakespeare. Students who complete this course will be scheduled to take composition the fall of their sophomore year to complete their underclassman preparation in English. The second semester of their sophomore year these students will be free to take any junior/senior English offering.

COURSE: English I**GRADE: 9****PREREQUISITES: None****CREDIT: 1****COURSE DESCRIPTION:**

English I is a survey course that introduces students to all other offerings at SGHS. It includes experience with units in novel, short story, drama, grammar, composition, mythology, novels, nonfiction, research process, research speech, "Romeo and Juliet", and poetry.

COURSE: Language and Literature**GRADE: 10****PREREQUISITES: English I****CREDIT: 1/2****COURSE DESCRIPTION:**

Language and Literature will reinforce grammar and vocabulary skills through literature and Latin root word work. Short story material will be incorporated. Short stories range in date from the colonial period until the early Twentieth Century. Each student will read and discuss thirty to fifty stories, study and analyze the story elements employed by a variety of authors, and write individual and group short stories.

COURSE: Composition
GRADE: 10
PREREQUISITES: English I
CREDIT: 1/2

COURSE DESCRIPTION:

Composition is a recommended sophomore English class. Students will utilize the writing process by composing a variety of essays. Proper sentence structure and writing formats will also be studied. A comprehensive research paper will be completed by each student. American Literature II material will be incorporated. American Literature covers material from the beginning of the Twentieth Century until the present. Students will read a variety of modern short stories, poetry, nonfiction, and drama. Emphasis will be on the evolution of modern American Literature from World War I until the 1970's. Each student will also compose poems and write a modern short story utilizing the elements used in the "open form".

COURSE: A.P. English
GRADE: 11-12
PREREQUISITES: Strong English skills, grades, test scores
CREDIT: 1 credit

COURSE DESCRIPTION:

A.P. English is for preparation for the advanced placement literature and composition test. Content area is based in American Literature and British Literature II with particular emphasis on literary analysis and rhetoric.

1. Identify and utilize rhetorical devices.
2. Read and analyze a variety of literature.
3. Write a variety of literature.
4. Advance reading, writing, listening and speaking skills to college level.

Prepare for the Advanced Placement Literature and Composition and/or the AP English Language and Composition Tests.

COURSE: Creative Writing
GRADE: 10-12
PREREQUISITE: None
CREDIT: 1/2

COURSE DESCRIPTION:

The writing process is learned through writing and reading a variety of work.

1. Learn various processes of brainstorming and composing
2. Write poetry, personal and fictional narratives, autobiographical pieces and essays.
3. Use imagery to enhance the effectiveness.
4. Develop a personal, individual style.
5. Write with a natural voice
6. Use appropriate language and style for a specific audience and purpose.
7. Choose words effectively.
8. Learn to edit with peers and learn to edit one's own papers.
9. Learn to vary sentence structure
10. Learn to edit one's own work.
11. Write for varied audiences.

COURSE: Drama
GRADE: 10-12
PREREQUISITE: None
CREDIT: 1/2
COURSE DESCRIPTION:

This course exposes students to a variety of drama and dramatic devices to increase understanding of theatre and skill in acting and communicating effectively.

1. Learn to read and interpret drama critically, noting stage directions.
2. Visualize sets and action. Create shadowbox sets, costumes as time permits.
3. Read one-acts, full-length plays from various time periods and countries.
4. Define drama.
5. Examine theater of absurd, traditional plays and variety of staging techniques.
6. Experiment with a variety of interpretations of language, intonation, and gesture.
7. Examine and analyze plays visually.
8. Interpret a character through acting.
9. Analyze and interpret plays through essays.
10. Compare and contrast plays, characters, techniques in essays and discussion
11. Compare written version to film or live performance.
12. Dinner Theatre

COURSE: English Literature I
GRADE: 10-12
PREREQUISITES: None
CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This is a semester course. Short stories, poetry, essays, novels, and plays written by British, Scottish, and Irish authors are studied. The following chronological order is followed: Anglo-Saxon, Medieval, Elizabethan, Seventeenth Century, Eighteenth Century, Romantic, Victorian, and Twentieth Century. Students will learn about historical events, culture, current events, authors, and the history of the English language. Experience in journal writing, essay writing, expository writing, and creative writing is offered.

COURSE: Film and Literature
GRADE: 11-12
PREREQUISITE: None
CREDIT: ½

COURSE DESCRIPTION:

Film and Literature is a semester-long elective English course designed to provide students with in-depth opportunities for critical reading, both in written and visual formats, and analytical and reflective writing. Students will also gain an overview of film genres and vocabulary.

Students will engage both written and film versions of a story in order to: evaluate the impact of written versus visual stimulation, examine the role that "imagination" plays in and through our reading experiences, and explore the process of choosing and creating literature to become film. Class discussion and focused writing exercises will cultivate not only the critical, analytical, and evaluative literacy skills that students develop during their English studies at SGHS, but their imaginative and sympathetic reading and writing sensibilities as well.

COURSE: Frontier Literature**GRADE: 10-12****PREREQUISITE: NONE****CREDIT: 1/2****COURSE DESCRIPTION:**

This course examines the definition and development of the Western Frontier and its impact on Native Americans through the study and analysis of a variety of short stories and novels.

1. Define the myth of the west.
2. Contrast myth to reality
3. Examine early journals, modern novels, short stories and poetry if time permits.
4. Read a variety of literature of the frontier presented chronologically.
5. Examine the impact of frontier on U.S. history.
6. Identify characteristics of formula fiction and how carried out in frontier literature.
7. Trace changes in characteristics of western literature.
8. Learn about culture of the American Indians.

COURSE: Journalism**GRADE: 11-12 (Senior 1st preference)****PREREQUISITE: A or B in past English classes****CREDIT: 1 (full year course)****COURSE DESCRIPTION:**

This course teaches journalistic writing, responsibility and ethics through publishing the school newspaper.

1. Conduct an effective interview.
2. Take effective pictures
3. Print pictures effectively
4. Write effective news, features, sports and editorials.
5. Major project: prepare a photo essay.
6. Sell ads and prepare ads.
7. Layout the school paper.
8. Typeset articles using Pagemaker.
9. Introduce broadcast journalism techniques.

COURSE: Montana Heritage**GRADE: 10-12****PREREQUISITE: None****CREDIT: 1/2****COURSE DESCRIPTION:**

This course will be designed to peak the interest in local, community history in Sweet Grass County or within a student's own unique family heritage. Ideally, the course is designed with one large over-riding goal (for example: gathering oral histories of nursing home residents). Each student will be required to meet the deadlines and goals as established by the instructor. The course creates inherent pride and respect for the identified people or area being examined. Identifying a specific topic/area, understanding historical significances, generating compelling questions and research practices, conducting productive interviews, and developing a deeper level of respect for the history of our community will be the ultimate goals and learner outcomes.

COURSE: Mythology
GRADE: 10-12
PREREQUISITE: NONE
CREDIT: 1/2
COURSE DESCRIPTION:

This course exposes students to a variety of mythology of various cultures, to increase understanding of other cultures and their impact on modern thought, literature and culture.

1. Define myth and mythology.
2. Identify and study myths of Greek, Roman and Norse gods.
3. Examine myths of other various cultures.
6. Find evidence of mythological allusions in modern language, literature, art, music and life.
5. Examine the value and purpose of story telling.
6. Relate lessons of myths to the human situation.
7. Examine the purpose and message of myths.
6. Recognize common themes and archetypes found in several myths from several cultures.

COURSE: Novel
GRADE: 10-12
PREREQUISITE: None
CREDIT: 1/2
COURSE DESCRIPTION:

This course exposes students to a variety of novels to increase students' understanding of literature and their ability to write about it.

1. Understand written dialect.
2. Write and use dialect as a means of characterization.
3. Understand various novel structures.
4. Identify characteristics of a novel
5. Identify and analyze setting, plot, characterization and theme.
6. Identify motif and trace its use and levels of meaning.
7. Identify propaganda techniques.
8. Define satire, irony, and identify in novels.
9. Compare and contrast elements within and between novels.
7. Take a position, form an opinion and defend in oral discussion and in written essays.
11. Brief examination of early, middle and modern English

COURSE: Poetry
GRADE: 10-12
PREREQUISITES: None
CREDIT: 1/2
COURSE DESCRIPTION:

This course exposes students to a variety of poetry and poetic devices to increase understanding and enjoyment of reading, interpreting and writing poetry.

1. Define poetry.
2. Define, recognize and use a variety of figures of speech and poetic forms.
3. Interpret and find meaning in a variety of poetry.
4. Write poetry, using a variety of techniques.
5. Examine a variety of poems that develop a common theme.
6. Experience the power and beauty of rhythm, sound and sense.
8. Use word processing for setting up poem format
9. Prepare a Power point presentation, using visual, verbal and musical modes.
10. Use word processing skills to prepare essays.

COURSE: Science Fiction**GRADE: 10-12****PREREQUISITE: None****CREDIT: 1/2****COURSE DESCRIPTION:**

This English elective is designed to appeal to the student reader who enjoys the genres of science fiction and fantasy. The course will be designed to identify the distinguishing criteria of fantasy and science fiction and how each reveals insight into the human condition, both real and imagined. By studying concrete definitions and becoming familiar with a variety of authors (Vonnegut, Bradbury, Tolkien, Rowling, Lewis, Crichton, etc.), students will broaden their literacy interest, improve their reading comprehension, and expand their writing skills through timed writings and essays

COURSE: Shakespeare**GRADE: 10-12****PREREQUISITE: NONE****CREDIT: 1/2****COURSE DESCRIPTION:**

Through reading, viewing and studying the plays, students will gain an understanding and appreciation of Shakespeare's work.

1. Learn about the Renaissance period.
2. Learn about the Shakespearean theater.
3. Learn about Shakespeare's life, writing skills.
4. Understand early modern English language.
5. Understand a play in written and visual form.
6. Act various scenes.
7. Understand setting, plot, characterization, theme.
8. Discriminate between comedy, tragedy, farce.
9. Trace thematic ideas throughout play.
10. Compare and contrast elements within and between plays.
11. Read and watch 5-7 plays.

COURSE: Speech & Debate**GRADE: 10-12****PREREQUISITE: None****CREDIT: 1/2****COURSE DESCRIPTION:**

Students are introduced to the various types of rhetoric and the classical rhetorical ideas rooted in Aristotle of ethos, pathos, logos, and bathos. They will analyze rhetorical audio presentations from a variety of sources. Students will be required to implement these skills into a variety of speaking presentations such as impromptu, extemporaneous, and persuasive speeches.

COURSE: Themes in Literature

GRADE: 10-12

PREREQUISITE: None

CREDIT: 1/2

COURSE DESCRIPTION:

This course exposes students to a variety of genre centered on a theme. Students examine multicultural ideas in published literature and compose a variety of writings as well.

1. Define and identify theme, prejudice, stereotype, grief, loss, growth.
2. Define motif and trace throughout a piece of writing.
3. Examine a variety of genre: novel, short story, nonfiction, print media, poetry, and film.
4. Examine literature from a variety of cultures.
5. Learn grief cycle and apply to loss in literature and life.
7. Explore news articles dealing with death and loss-related subjects (euthanasia, abortion, suicide, cryonics, etc.).
7. Compare and contrast a novel to a screenplay and a film.
8. Transcribe a scene from a novel into a screenplay.
9. Learn about a variety of cultures

COURSE: World Literature I & II

GRADE: 10-12

PREREQUISITES: None - World History helps!

CREDIT: 1/2

COURSE DESCRIPTION:

These are semester courses. Students may enroll in either semester or both. Short stories, poetry, essays, novels, and plays written by authors from all over the world are studied. The units to be studied are as follows: Semester I-- European, Russian, African, Latin American and Caribbean Literature; Semester II--Asian, Indian, Middle Eastern, Ancient Near Eastern, South Pacific and Australian Literature. Students will learn about historical events, culture, current events, authors, and the evolution of literature in each of these units. Students will complete a variety of writing assignments.

FAMILY & CONSUMER SCIENCES

COURSE: Culinary Arts I and Nutrition

GRADE: 9-12

PREREQUISITES: None

CREDIT: 1/2

COURSE DESCRIPTION:

This course promotes healthful eating, physical activity and a wide variety of topics, including cultural diversity, food customs, food technology, nutrition for athletes and people on the go and basic food preparation skills. This is a fun and exciting hands-on atmosphere where students will prepare various food items and gain basic culinary skills for preparing and serving food. The student will learn how to choose, purchase, prepare and eat healthful foods at home and on the run. The class will focus on nutrition, food technology, weight management, safety and sanitation, eating disorders, meal planning, and careers in the food industry. The opportunity to eat is available in this class every week. The learning couldn't be more fun.

COURSE: Culinary Arts II and Entrepreneurship

GRADE: 11-12

PREREQUISITES: Must be junior or senior and have completed a foods course. With a B or better or the consent of instructor.

CREDIT: 1 credit (2 class periods)

COURSE DESCRIPTION:

Whether you want to become an executive chef or a manager of a fast food restaurant, the foodservice industry has many exciting career pathways from which to choose. Students will gain knowledge in the value of quality customer service, the role of the foodservice management, standards, regulations and laws. Students will get training and certification in the Serve Safe program and learn how to create successful menus for any food establishment. Students will gain skills in cooking techniques used in quantity food preparation, from seasonings and flavorings to baking and pastry. Students will cater a dinner theatre and several evening meals to local organizations.

COURSE: Interior Design

GRADE: 9-12

PREREQUISITES: None

CREDIT: 1/2

COURSE DESCRIPTION

This course examines the relationship of housing to people's needs. Students will face issues they will encounter when they are choosing a place to live, rent or buy. A basic background in home construction, outdoor living spaces and landscaping will provide the student opportunities to design various housing styles. Students will apply design principles to specific rooms, such as kitchens, baths, home offices, and storage areas. The class participates in touring 10 or more homes in the Bozeman area and creating gingerbread houses for the Christmas season. Learn to become a designer using furniture, carpet, paint, window treatments and technology!

COURSE: Fiber Arts
GRADE: 9-12
PREREQUISITES: None
CREDIT: ½ (Can also be used as a fine arts credit)

COURSE DESCRIPTION:

This course is an introduction for all beginning and moderate sewing skill levels. Students will gain an appreciation for the art of making quilts and the history behind the meanings of quilt styles, quilt blocks and time-period fibers. This is a creative class that encourages students to experiment with color, fibers, quilt block techniques, quilting equipment and computerized sewing machines. Students will construct 3 projects within the course. This is a fun class for both males and females. There is a small expense for the purchase of fabric and supplies.

COURSE: Textiles and Apparel
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This is a super sewing class that allows students to learn how to operate a sewing machine, create patterns, use technology with the computer sewing machines, and develop a solid understanding of how apparel are made. Students gain knowledge in fiber identification, care of clothing, and buying habits. Students will create 3-4 projects within the semester.

COURSE: Fashion Design and Entrepreneurship
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2

COURSE DESCRIPTION:

This course is broken into 2 sections allowing the students to learn about the fashion world and its exciting marketing procedures. The second half of the class, students will design a business portfolio through the entrepreneurship class. The fashion design classes will trace the history and development of the fashion industry. Students will explore marketing, roles of the designers, manufacturer and retailers. While the entrepreneurship education is tailored for business owners; it prepares all students for the workforce of tomorrow. Students will actually create a business portfolio highlighting all information in order to operate it in reality. A tour of the Billings Market and local designers is offered in the spring.

COURSE: Skills for Life
GRADE: 11-12
PREREQUISITES: Junior or Senior
CREDIT: 1/2

COURSE DESCRIPTION:

Skills for life is designed as a condensed course for students who will soon be out on their own and want to “survive without Mom and Dad.” Students gain experience in learning how to budget money, using banks and credit, tips on renting, living in the dorms, buying an automobile, and understand health and life insurance. This popular class provides skills for preparing quick and low cost meals, planning a vacation, caring for ones clothing, clearing clogged drains, cleaning household areas and fixing holes in walls. And who said you couldn’t make it your first year without calling home? You can now.

COURSE: Family Living and Health

GRADE: 9-12

PREREQUISITES: None

CREDIT: 1/2

COURSE DESCRIPTION:

This course is designed for the student to see many variations of family styles, their place in a family and the full spectrum of life from birth to death. Areas of discussion consist of communication skills, sex rolls, stereotyping, human sexuality, STD's, AIDS, cancer, death, marriage, divorce, relationships, ways to handle crisis, change, career and the various stages of the life cycle. This class stresses the importance of becoming self-aware and self-directed for all individuals. It's a fun class filled with discussions, projects, activities, decision making and management skills for life.

COURSE: Early Childhood and Parenting

GRADE: 9-12

PREREQUISITES: Family Living and Health is encouraged but not required

CREDIT: 1/2

COURSE DESCRIPTION:

This course specializes in the study of early childhood and the importance of family. Students will gain skills in understanding communication, parenthood, prenatal development, birth and the expenses of a baby. Students will interact with simulated babies (Baby Think it Over) and conduct a 2 week preschool. This class offers the perfect insight into working with children from birth to the age of 5. Skills in safety, first aid and careers highlight the course.

HEALTH & P.E.

COURSE: Health Enhancement I

GRADE: 9

PREREQUISITES: None

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This course is designed to teach the learner that total health includes the physical, emotional, intellectual, and social growth, development, and well-being of the person. This course will provide information, education, services and support in helping students be responsible for their health. The student will learn to practice principles of safe living and disease prevention. Overall fitness will be stressed throughout the semester with an emphasis on many team sports and activities. The program will help develop social skills and improve self-confidence and self-esteem. Individuals will learn how to practice behaviors which promote and maintain intellectual, physical, emotional, and social well-being.

COURSE: Health Enhancement II

GRADE: 10

PREREQUISITE: Health Enhancement I

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This course is designed to reinforce the practice of behaviors which promote and maintain intellectual, physical, emotional, and social well-being. Learners will appreciate that a healthy lifestyle is a right and responsibility of every individual and community. Students will identify professional services and support groups available. The course will give learners the skills, knowledge, and appreciation in a variety of team and individual sports and activities emphasizing the introduction of numerous lifetime sports and recreational activities. The program will afford opportunities for learners to develop a sense of responsibilities and the qualities of leadership, teamwork, and sportsmanship.

COURSE: Advanced Physical Education

GRADE: 10,11,12

PREREQUISITES: Health Enhancement I & II

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This course is designed to promote and maintain lifetime physical fitness. The course will give learners the skills and knowledge in weight training, plyometrics, and physical conditioning through a variety of activities.

HISTORY

COURSE: World Geography I & II

GRADE: 9-12

PREREQUISITES: None

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

The purpose of this course is to familiarize students with the physical and cultural characteristics of the regions and countries of the world. The use of current events to bring perspective to our study will be a part of the course. This class will focus on the five themes of geography: location, place, regions, movement, and human-environment interaction. Students will communicate their ideas through written, oral, visual, and telecommunication formats.

WORLD GEOGRAPHY I – Offered in the fall, this class covers the US/Canada, Europe & Russia, China, East Asia, Antarctica, Australia, and Oceania.

WORLD GEOGRAPHY II – Offered in the spring, this class covers Latin America, the Middle East, Africa, India & South Asia, Southeast Asia.

COURSE: World History

GRADE: 9-12

PREREQUISITE: None

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

Overall, the purpose of World History is for students to develop an historical perspective, in global terms, of the human experience. Special attention is given to the process of change. Students will develop analytical and interpretive skills. They will work with a variety of media. Students will be expected to clearly and thoughtfully communicate ideas through class discussion, oral presentation, and written work.

ANCIENT WORLD HISTORY - Ancient civilizations from Egypt to China and the Americas; including classical Greece and Rome. The time frame includes the ancient civilizations to approximately 500 AD.

****WORLD MOVEMENTS** – Beginning with Persia and Byzantium around 200 AD and moving through the development of Islam, imperial China, new empires in Asia, feudalism, and the Renaissance and Reformation in Europe, through about 1700 AD.

REVOLUTION AND THE MODERN WORLD – Including the years between 1400 and 1900, the course covers the Scientific Revolution, the Enlightenment, the French Revolution, European expansion, the Industrial Revolution and Imperialism.

****WORLD WAR I TO THE PRESENT** – Covering most of the twentieth century through the present, this course will enlist a global perspective in exploring WWI and WWII, changing political boundaries, regional alliances, the Cold War, technological advances, and the “global community.”

COURSE: American History

GRADE: 11

PREREQUISITES: None

CREDIT: 1

COURSE DESCRIPTION:

All junior level students are required to complete one full year of American History (one class in the Fall and one class in the Spring). To better serve the needs and interests of students. American History has been divided into four sections by subject matter, affording students the opportunity to choose their classes in accordance with their interests. The primary purpose of American History is to familiarize students with the people, events, and forces that shape (d) the country in which we live. Particular emphasis is placed on better understanding the complex nature of change and the interaction of various influences associated with it. Students will work with a variety of media and experience a diverse classroom atmosphere. See below for class offerings and scheduling.

FALL SEMESTER:

AMERICAN WEST- Follows the westward movement in America and its impact on native populations. Covers settlement of the west, resource development, and government policies associated with the west.

AMERICA IN CONFLICT I- Covers the conflicts that America has been involved in and traces the causes, the outcomes and the impacts on peoples, countries and foreign relations. **America in Conflict I** focuses on the time period from Pre-Colonial through the Civil War and Reconstruction.

SPRING SEMESTER:

AMERICAN SOCIAL MOVEMENTS- In-depth look at social and cultural movements in America, includes Social Reform, Industrial Revolution, Labor Movements, Civil Rights, and current social movements. Studies the causes and effects of such movements.

AMERICAN IN CONFLICT II- Covers the conflicts that America has been involved in and traces the causes, the outcomes and the impacts on peoples, countries and foreign relations. **America in Conflict II** focuses on the time period from Post Reconstruction to the present.

COURSE: Montana History Class

GRADE: 10-12

PREREQUISITES: None

CREDIT: 1/2

A Montana history class will provide students with an opportunity to experience, explore and research the cultural and historic richness of the Treasure State. In Big Sky Country a tapestry of historical events can be found that are as vast as the eastern grass plains and as rugged as the topography of the Rocky Mountains and it is time for students to understand and develop a greater appreciation for state and local history.

Timeline: 1700-2007

Topics: Dog Days to Horse Warriors, Beaver, Bison and Black Robes, Gold and Silver Boom, Livestock and the Open Range, Railroads, Copper Kings, Reservation Years, Logging, Homesteading, Progressive Montana, World War I, Volstead Act, Great Depression, World War II, and New Montana.

Additional Curriculum Options: Montana Historical Society Trunks, Montana Memory Project website (digital library & archives), Guest Speakers, and Museum visits

COURSE: Government
GRADE: 12
PREREQUISITE: None
CREDIT: 1

COURSE DESCRIPTION:

All senior level students are required to complete one full year of Problems in American Democracy (one class in the Fall semester and one class in the Spring semester). To better serve the needs and interests of students, Problems has been divided into four sections by subject matter. Students have the opportunity to choose their classes in accordance with their interests. The primary purpose of the Problems classes is to acquaint students with the philosophies, structures, and processes of federal, state, and local governments. A variety of media is used in the course. To enhance understanding of how government works, students identify and participate in a variety of governmental activities and simulations. Students continue to develop critical reading and thinking skills, and are required to communicate information and varying points of view.

FALL SEMESTER:

BY THE PEOPLE, FOR THE PEOPLE- With a brief historical overview of democracy, this course emphasizes the Constitution, the Bill of Rights, and Constitutional Amendments, including current developments on constitutional issues. This course includes a service learning component.

DEMOCRATIC PRINCIPLES IN ACTION- This class focuses on the role of the citizen in a democracy, specifically, participation in government, voting, initiatives, referendums, lobbying, PACS, interest groups, and how a bill becomes a law. This course includes a service learning component.

SPRING SEMESTER:

U.S. FOREIGN POLICY AND INTERNATIONAL RELATIONS- Using current issues as a spring board, this class investigates the relationship of the U.S. to other nations, how domestic policies and public opinion affect foreign relations, and how our position in the world affects our government policies.

LAW AND JUSTICE- Authority, privacy, responsibility, and justice are the themes that are studied in order to understand the foundations of our government and evaluate the differences between a constitutional democracy and a society that is not free.

COURSE: AP United States Government and Politics
GRADE: 11-12
PREREQUISITES: Strong interest in Political Science and consent of instructor
CREDIT: 1

COURSE DESCRIPTION:

This class is preparation for the AP test in US Government and Politics and fulfills the Problems in American Democracy requirement for seniors. Content area is based on an in depth study of this topic, including:

1. Constitutional principles that are the basis of US government
2. Shared and diverse political beliefs, behaviors, and culture
3. The role of political parties, interest groups, and mass media in the US democracy
4. The three branches of government
5. Public policy, including policy-making, agendas, bureaucracy, and interaction among different groups
6. Development and expansion of civil rights and civil liberties.

MATH

COURSE: Algebra A
GRADE: 9-12
PREREQUISITES: None

***Give careful consideration to your Algebra Prognostic Test score. Consult the instructor or the guidance counselor if you have any questions.**

CREDIT: 1

COURSE DESCRIPTION: Algebra is the language through which higher mathematics is communicated and develops a basis for further study in mathematics. This course develops students' ability to master a means of operating with concepts at an abstract level. Technological exercises involving graphing calculators, the computer lab, and various software are a large part of the curriculum and are used as a tool to develop algebraic concepts. Topics include: equations, applications of real numbers, inequalities, polynomials, factoring, rational expressions, functions and graphs, statistics and probability, and radical expressions. Algebra A is equivalent to the first semester of Algebra 1.

First semester credit in Algebra A must be earned before continuing second semester.

COURSE: Algebra B
GRADE: 9-12
PREREQUISITES: Algebra A
CREDIT: 1

COURSE DESCRIPTION: Algebra is the language through which higher mathematics is communicated and develops a basis for further study in mathematics. This course develops students' ability to master a means of operating with concepts at an abstract level. Technological exercises involving graphing calculators, the computer lab, and various software are a large part of the curriculum and are used as a tool to develop algebraic concepts. Topics include: equations, applications of real numbers, inequalities, polynomials, factoring, rational expressions, functions and graphs, statistics and probability, and radical expressions. Algebra B is equivalent to the second semester of Algebra 1.

First semester credit in Algebra B must be earned before continuing second semester.

COURSE: Algebra I
GRADE: 9-12
PREREQUISITES: Pre-Algebra, successful completion of eighth grade mathematics, or consent of instructor.
***Give careful consideration to your Algebra Prognostic Test score. Consult the instructor or the guidance counselor if you have any questions.**

CREDIT: 1

COURSE DESCRIPTION: Algebra is the language through which higher mathematics is communicated and develops a basis for further study in mathematics. This course develops students' ability to master a means of operating with concepts at an abstract level. Technological exercises involving graphing calculators, the computer lab, and various software are a large part of the curriculum and are used as a tool to develop algebraic concepts. Topics include: equations, applications of real numbers, inequalities, polynomials, factoring, rational expressions, functions and graphs, statistics and probability, and radical expressions.

First semester credit in Algebra I must be earned before continuing second semester.

COURSE: Geometry
GRADE: 9-12
PREREQUISITES: Algebra I
CREDIT: 1

COURSE DESCRIPTION: In this course, students explore geometry using Geometer's Sketchpad, TI-92, and real world situations. Using inductive reasoning, students make conjectures based on their explorations, which they later prove deductively. Topics covered include: basic geometric terminology, area, volume, trigonometry, properties of circles, triangles, polygons, geometric solids, deductive proofs (very little emphasis), and transformational geometry. An attempt is made to relate the geometric principles to real world contexts.

COURSE: Algebra II & Trigonometry
GRADE: 10-12
PREREQUISITES: Algebra I & Geometry, or as a co-requisite with Geometry with consent of the instructor.
CREDIT: 1

COURSE DESCRIPTION: Algebra II/Trigonometry is a continuation and extension of Algebra I as well as an integration of Algebra I and Geometry. Polynomial functions, theory and application, comprise most of the first semester. Second semester involves varied new topics with emphasis on Trigonometry and beginning Statistics. This course further develops problem-solving skills necessary for college or vocational interests.

COURSE: Precalculus
GRADE: 11-12
PREREQUISITES: Algebra II/Trigonometry and Geometry
CREDIT: 1

COURSE DESCRIPTION: Students explore a variety of functions from a graphical, numerical and technological perspective in preparation of Advanced Placement Calculus or a first year College mathematics course.

First semester Precalculus is a prerequisite to second semester.

COURSE: Advanced Placement Calculus AB
GRADE: 11-12
PREREQUISITES: Precalculus
CREDIT: 1

COURSE DESCRIPTION: AP Calculus exposes high school students to college-level material. After the student takes the AP exam, colleges and universities can then grant credit, placement or both to students who have done so. At the very least, AP Calculus prepares students for the future by giving them tools that will serve them well throughout their college careers. Advanced Placement AB Calculus covers differential and integral calculus topics that are typically included in an introductory Calculus I college course.

There is a fee for the AP exam. Approx. \$85.00 (Students who qualify for free/reduced lunch may also qualify for a "fee-reduced" exam.)

COURSE: Advanced Placement Statistics

GRADE: 11-12

PREREQUISITES: Algebra II/Trig

CREDIT: 1

COURSE DESCRIPTION: AP Statistics exposes high school students to college-level material. After the student takes the AP exam, colleges and universities can then grant credit, placement or both to students who have done so. At the very least, AP Statistics prepares the students for the future by giving them tools that will serve them well throughout their college careers. Advanced Placement Statistics covers four major topics including exploratory analysis, planning a study, probability, and statistical inference which typically included in an introductory statistics college course.

There is a fee for the AP exam. Approx. \$85.00 (Students who qualify for free/reduced lunch may also qualify for a "fee-reduced" exam.)

MUSIC

COURSE: Band
GRADE: 9-12
PREREQUISITES: Previous experience or training
CREDIT: 1

COURSE DESCRIPTION:

- Students must provide own instruments or rent (specialty) instruments from the school.
- Previous experience and training is necessary.
- Uniform care and maintenance are required. Annual rental fees paid by the students apply to the dry-cleaning costs.
- The study and performance of concert band literature is the major goal and emphasis of the year, and participation is mandatory. Concert performances include the Fall Concert, Christmas Concert, Pre-District Festival Concert, District Music Festival, Pops Concert, the Southern Montana Invitational Band Festival, and Graduation Ceremonies.
- Performance activities also include marching band at football games and parades, pep band at 18 home volleyball games, boys basketball games, and girls basketball games. As many as nine post-season athletic tournaments are also a possibility. There are many other community performances throughout the year, including rodeo parades, Memorial Day Services, and various holiday activities.
- Grading is determined largely by participation, and by graded solos, and periodic testing.
- Chair seating is determined by audition on assigned literature.
- Goals are reached through a cooperative team effort in daily rehearsals that is an integral part of the student's evaluation for grading.

COURSE: Beginning Guitar
GRADE: 9-12
PREREQUISITES: Must provide own guitar.
CREDIT: 1/2 per semester

COURSE DESCRIPTION:

- Develop a variety of styles-develop a mixture of techniques and skills.
- Instrumental concepts-melodies, solos, ensembles.
- Accompaniment concepts-chords, singing and playing.
- Improvisation
- Left-hand techniques-open chords progressing to bar chords.
- Right-hand techniques-flat pick (used in rock, country, blues, folk, and popular styles) and finger-style (used in classical, folk, blues, and popular styles).
- Grading is based on assigned solos, notebooks, worksheets and written exams.

COURSE: Advanced Guitar
GRADE: 9 -12
PREREQUISITES: Beginning guitar and must provide own guitar.
CREDIT: 1/2 per semester

COURSE DESCRIPTION:

- Develop a variety of styles-develop a mixture of techniques and skills.
- Instrumental concepts-Melodies, solos, ensembles.
- Accompaniment concepts-chords, singing and playing.
- Improvisation
- Left-hand techniques-open chords progressing to bar chords.
- Right-hand techniques-flat pick (used in rock, country, blues, folk, and popular styles) and finger-style (used in classical, folk, blues, and popular styles).
- Grading is based on assigned solos, notebooks, worksheets, and written exams.

COURSE: Chorus
GRADE: 9-12
PREREQUISITES: None
CREDIT: 1/2 per semester

COURSE DESCRIPTION:

Chorus is a class in the fundamentals of singing. Group and solo singing techniques are both taught. Attendance at concerts and other public performances is mandatory. These concerts are usually held in the evening.

PARTNERS-IN-LEARNING

COURSE: Partners-in-Learning
GRADE: 9-12
PREREQUISITES: Must have consent of appropriate cooperating teachers, PIL coordinator and guidance counselor
CREDIT: Varies depending on topic, experience, and allotted time units

COURSE DESCRIPTION:

Partners-in-Learning is a differentiated curriculum that offers alternative electives to students. PIL is intended to enhance standard curriculum by providing practical and extended related experiences.

Independent Study

Job Shadow	80 hours = 1/2 credit (P/F Grade)
Service Learning	
School-Based Enterprise	Wage--No credit
Apprenticeships	Wage--Some credit (P/F Grade)
Internships	

Extended Study

Course Extension	80 hours = 1/2 credit Instructor/Student Contract (Letter or P/F)
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Modified Study

Non-qualifying	Standard Allotted Credit (Letter Grade) IEP--Instructor/Guidance/Administration Student/Parent (P/F Grade)
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SCIENCE

COURSE: Integrated Science

GRADE: 9-12

PREREQUISITES: None

CREDIT: 1

COURSE DESCRIPTION:

The course will begin with a quarter spent on the fundamental makeup of matter and energy as it relates to science. This will include inorganic and organic matter as well as the interaction of the types and forms of energy. The second quarter will be spent on the introduction to the biology concepts of diversity. It will include the diversities of cells to organisms and the grouping and classification of organisms. The third quarter will involve the introduction of chemical interactions and the types of reactions that can occur in nature. The last quarter will involve the study of the interaction of energy on the fundamental forces. Newton's laws and understanding of mechanical motion will be covered.

COURSE: Earth Science

GRADE: 9-12

PREREQUISITES: None

CREDIT: 1

COURSE DESCRIPTION:

Earth Science will involve the use of the metric system to express ideas in a standard method. The use of the scientific method will be given as an approach to solve problems. The students will learn about geological principles such as plate tectonics, mapping and rock mineral identification. Also the student will learn about Astronomy and Oceanography. Other areas of concern will be the safety of the environment, the use of recycling, and local features that have been effected by geological processes.

COURSE: Biology I

GRADE: 9-12

PREREQUISITES: None

CREDIT: 1

COURSE DESCRIPTION:

Biology is the study of life. In order to examine the content and structure of biology and to take into account the needs and problems of the student, the course has been arranged into the following units:

1. Biological Principles
2. Cells
3. Plants
4. Invertebrates
5. Vertebrates
6. Ecology

COURSE OBJECTIVES:

Students should develop an increased understanding of biological ideas within the major units of the program. Students should gain the ability to recognize biological problems to formulate reasonable hypothesis, establish experimental controls and the ability to interpret data and modify interpretations as new information is obtained. Students should gain knowledge of measurement and experimental error, learn essential laboratory skills and develop an interest in devising methods to solve unexplained problems.

COURSE: Biology II
GRADE: 10-12
PREREQUISITES: Biology I
CREDIT: 1

COURSE DESCRIPTION:

Biology is the study of life. In order to examine the content and structure of biology and to take into account the needs and problems of the student, the course has been arranged into the following units:

1. Genetics
2. Evolution
3. Microorganisms
4. Human Biology
5. Anatomy and Physiology
6. Ecology

COURSE OBJECTIVES:

Students should develop an increased understanding of biological ideas within the major units of the program. Students should gain the ability to recognize biological problems to formulate reasonable hypothesis, establish experimental controls and the ability to interpret data and modify interpretations as new information is obtained. Students should gain knowledge of measurement and experimental error, learn essential laboratory skills and develop an interest in devising methods to solve unexplained problem.

COURSE: Honors Biology

GRADE: 9

PREREQUISITES: Shown ability and aptitude in science based on past performance, standardized test scores and staff recommendations.

CREDIT: 1

COURSE DESCRIPTION: The Honors Biology curriculum is designed to accommodate students with both a high level of science understanding and who may be interested in a more challenging course than is offered by the traditional Biology I and II courses.

The curriculum includes a condensing of the primary curriculum items from both Biology I and Biology II. The course is designed to be an accelerated alternative to the typical two-year Biology series. Students enrolled in the Honors Biology program will be able to complete both the Biology I and Biology II courses in one year. Upon completion of the course students will be able to pursue more science courses during their high school years.

1st Semester (Biology I)

1. Biological Principles
2. Classification
3. Cells and Molecules
4. Plant Biology
5. Ecology

2nd Semester (Biology II)

1. Genetics
2. Principles of Evolution
3. Microbiology
4. Human Biology

COURSE: Chemistry
GRADE: 11-12
PREREQUISITES: Must have completed Algebra and Geometry
CREDIT: 1

COURSE DESCRIPTION:

Chemistry will teach the proper use of chemicals and safety techniques. With the use of chemicals must come an understanding of the metric system to show the proper representation of measurements. An understanding of the properties of the periodic table and compounds used within the class is necessary. Once this background information is covered, balancing reactions, solving mole-mole problems, introducing kinetic theory and bonding types are covered while using the techniques above.

COURSE: A.P. CHEMISTRY
GRADE: 11-12
PREREQUISITES: Chemistry
CREDIT: 1

COURSE DESCRIPTION:

AP Chemistry will provide approximate the same background as a first year college chemistry course. The four main themes covered in AP Chemistry are nuclear chemistry, acids and bases, stoichiometry, and thermochemistry. These go into great detail to prepare students for the AP Chemistry test. There is a fee for the AP exam. Approximately \$85

COURSE: Physics
GRADE: 11-12
PREREQUISITES: Minimum of Math III
CREDIT: 1

COURSE DESCRIPTION:

Physics will involve the use of the metric system in problem solving. The application of mathematics such as geometry, algebra and trigonometry will be shown through problem solving. Physics has three main divisions including mechanics, electricity and wave properties (light & sound). Mechanics covers Newton's Laws and the principles of thermodynamics. Electricity involves the understanding of the subatomic particles and the use of electrons in showing static charge, circuits and currents. Wave properties include the properties of refraction, reflection, diffraction and interference. The use of the lens equations will also be applied.

COURSE: A.P. Biology
GRADE: 11 - 12
PREREQUISITES: Biology I & Biology II (Chemistry recommended)
CREDIT: 1

COURSE DESCRIPTION:

AP Biology is a course intended to provide a college level biology experience within the high school setting. Upon completion of the course, students will be prepared to pursue further study in both the sciences and other academic areas. While the intent of the course is to attain mastery in a curriculum similar to that of an introductory college biology course, students will also gain problem solving and organizational skills useful in preparation for a college biology course.

The course content is divided into three parts that are integrated into eight major themes. With the integration of the topics into themes, the course provides both a global perspective and an encompassing view of modern science. Each of the following topics is combined within the curriculum: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. Included in the course are required laboratory projects that are intended to enhance problem solving skills and laboratory techniques.

There is a fee for the AP exam. Approximately \$85

SPEECH**COURSE: Mass Media****GRADE: 9-12****PREREQUISITES: None****CREDIT: 1/2****COURSE DESCRIPTION:**

The goal of Mass Media is to develop students' knowledge of the communication process. They will study the history of communication, media, and the influence of technology and the impact on society and the world today. Students will become involved with a variety of communication skills: elementary presentations, and mock interviews. Forms of media will be reviewed and studied throughout the semester.

Students will learn the process of speech, and the different types of speeches. They will present in assorted ways, (power point/web sites/video) utilizing technical tools, creating diverse types of presentations. Students will analyze the audience and adapting language for the most effective presentation. Effective speaking and listening skills will be discussed and implemented throughout the course. Famous quotes and speeches, past and present, will be reviewed, as students study how speakers have communicated an effective message, influencing history.

WORLD LANGUAGES

COURSE: Spanish I

GRADE: 9-12

PREREQUISITES: None for Spanish I

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This course is designed to guide students toward functional communicative proficiency while developing a general insight into how languages work. The goals are to enable students to function in a Spanish-speaking culture, use the language for a lifetime of personal enjoyment and enrichment, appreciate the role of Hispanic cultures in a global context, and to continue expanding their communicative proficiency for further education or for the workplace. Even if students never speak the language after leaving school, they will for a lifetime retain the cross-cultural skills and knowledge, the insight, and the access to a world beyond traditional borders.

COURSE: Spanish II

GRADE: 10-12

PREREQUISITES: Spanish I

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This course is designed as a continuation of Spanish I. Students will be guided toward functional communicative proficiency while developing a general insight into how languages work. The goals are to enable students to function in a Spanish-speaking culture, use the language for a lifetime of personal enjoyment and enrichment, appreciate the role of Hispanic cultures in a global context, and to continue expanding their communicative proficiency for further education or for the workplace. Even if students never speak the language after leaving school, they will for a lifetime retain the cross-cultural skills and knowledge, the insight, and the access to a world beyond traditional borders.

COURSE: Spanish III

GRADE: 11-12

PREREQUISITES: Spanish I and Spanish II

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This course is designed as a continuation of Spanish I and Spanish II. Students will be guided toward functional communicative proficiency while developing a general insight into how languages work. The goals are to enable students to function in a Spanish-speaking culture, use the language for a lifetime of personal enjoyment and enrichment, appreciate the role of Hispanic cultures in a global context, and to continue expanding their communicative proficiency for further education or for the workplace. By studying another language, students will gain a knowledge and understanding of the cultures that use that language. By learning another language students will make connections between their native language and a foreign language, which will enable them to develop greater insight into their own language and culture and realize that multiple ways of viewing the world exist.

COURSE: Spanish IV

GRADE: 12

PREREQUISITES: Spanish I - III

CREDIT: 1/2 per semester

COURSE DESCRIPTION:

This course is designed as a continuation of Spanish I, II & III. Students will be guided toward functional communicative proficiency. The goals are to enable students to function in a Spanish-speaking culture, use the language for a lifetime of personal enjoyment and enrichment, appreciate the role of Hispanic cultures in a global context, and to continue expanding their communicative proficiency for further education or for the workplace. Students will gain a knowledge and understanding of the cultures that use the target language. Students will make connections between their native language and the target language. Multiple ways of viewing the world will increase within the students cognitive realm.