



Forward Thinking, High Achieving.

High School
Course Guide
2016-2017

IMPORTANT INFORMATION CONCERNING

SCIENCE AND HEALTH ENHANCEMENT

The Science and Health Enhancement Curricula are under review by the school district during 2015-2016. Some of the science and health enhancement courses listed in this Course Guide could be changed after the review is complete. If necessary, the counselors at each high school will adjust student schedules prior to the 2016-2017 school year.

MISSOULA COUNTY PUBLIC SCHOOLS

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PRINCIPAL	Natalie Jaeger	Lisa Hendrix	Kathleen Pecora	Ted Fuller
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ASSISTANT PRINCIPAL	Jennifer Courtney	Hallie Koppang (Interim)		Margo Duneman

GRADUATION REQUIREMENTS

Missoula County Public Schools requires that all students earn 24 credits to graduate.

Freshman students enrolling during and after the 2013-14 school year are required to successfully complete 3 math credits during high school. **Students enrolled prior to the 2013-14 school year are required to successfully complete 2 math credits during high school

MISSOULA COUNTY PUBLIC HIGH SCHOOL REQUIREMENTS FOR GRADUATION

English-Language Arts (EN)	4.00 credits
Health Enhancement (HE)	2.00 credits
Mathematics (MA) (includes 1 credit Algebra 1)	3.00 credits (**2.0)
Science (SC)	2.00 credits
(Includes 1 credit Integrated Earth, Space & Physical Science and 1 credit Biological Science)	
Social Studies (SS)	2.50 credits
(Includes 1 credit U.S. History, 1 credit U.S. Government, and .5 credit Social Studies Elective)	
Career and Technical Education (CTE) (chosen from the program areas below)	1.00 credit
Agriculture, Business & Marketing, Family & Consumer Science, Health Science, Industrial Technology	
Fine Arts (AR) (chosen from the program areas below)	1.00 credit
Music, Theatre Arts, Visual Arts	
*Electives (EL)	8.50 (**9.5) (*7.5)
*Total Credits Required to Graduate	24.00 credits (*22)

THESE DISTRICT REQUIREMENTS SUBSTANTIALLY EXCEED STATE REQUIREMENTS

A student who wishes to graduate early should talk to his/her counselor to develop a plan to fulfill all credits and requirements in less than four years.

Credits for transfer students will be evaluated on an individual basis by your high school counselor to determine graduation requirements.

In compliance with Title IX requirements, all classes and activities at Missoula County Public High Schools are open to all students without discrimination according to sex.

OPTION OF DUAL CREDIT WITH UNIVERSITY OF MONTANA

The "OPTION OF DUAL CREDIT" is indicated for certain courses throughout this Course Guide. Dual Credit means that you may be able to earn university credit, in addition to high school credit, for a specific high school course. Additional requirements and/or university fees may apply. Please talk to the course teacher or your counselor if you are interested in taking a course that offers the "OPTION OF DUAL CREDIT."

INTERNATIONAL BACCALAUREATE PROGRAMME

The International Baccalaureate Programme (IB) is currently offered at Hellgate and Big Sky for Juniors and Seniors. Students may take International Baccalaureate courses either as part of the full IB Diploma Programme or as individual classes. Students choosing the full IB Diploma take six academic IB courses during the junior and senior year. Students choosing individual IB courses in their junior and senior year are eligible to take IB examinations to earn a completion certificate for each course. Please schedule an appointment with your counselor or the IB coordinator regarding this opportunity. MCPS intends to offer the IB Programme throughout the District in future years.

ATHLETIC SCHOLARSHIPS - COLLEGE ENTRANCE REQUIREMENTS

Students have a responsibility to register on the NCAA Clearinghouse website if they believe they may compete athletically at the college level. The NCAA website is www.ncaaclearinghouse.net. There are requirements for Division I and Division II schools, which include core classes and grade point average requirements. NAIA Colleges may have academic requirements which students should investigate.

ACADEMIES

- **BIG SKY HIGH SCHOOL - HEALTH SCIENCE ACADEMY**

- The Health Science Academy based at Big Sky, is the first STEM (Science, Technology, Engineering, & Mathematics) academy offered at MCPS. It includes biomedical and veterinary programs.

- **HELLGATE HIGH SCHOOL – FINANCE ACADEMY**

- Finance Academy based at Hellgate will provide career exploration in Accounting, Banking and Financial Planning with in-depth financial literacy curriculum. Job shadows, internships, industry certifications, and dual credit are just some of the benefits to students invested in the Finance Academy.
- The Finance Academy is open to all MCPS students. Students at Big Sky and Sentinel can start on the requirements for the Finance Academy designation at their home schools by taking any of the following courses: Accounting I, Personal Finance, and Introduction to Business. The more advanced Finance Academy career pathway courses are only offered at Hellgate, and students will be accommodated for traveling arrangements.

- **SENTINEL HIGH SCHOOL**

- Sentinel presently offers students career themed pathways in the CTE fields of media arts, journalism, business marketing, automotive technology, engineering, computer science, and culinary.

MCPS intends to offer a variety of academies throughout the District in future years. Please visit with your counselor regarding these opportunities.

SCHOOL COUNSELING SERVICES

School counseling services are available for all Missoula County Public Schools students. Each counseling department will work to serve your needs in the following ways:

LISTEN TO YOU
PROVIDE INFORMATION ON COURSES
HELP YOU SCHEDULE YOUR CLASSES
HELP YOU DEVELOP A COURSE PLAN
OFFER CAREER INFORMATION
PROVIDE INFORMATION ON EDUCATION OPPORTUNITIES AFTER HIGH SCHOOL
PROVIDE ACCESS TO SCHOLARSHIPS
HELP YOU COPE WITH PERSONAL AND SOCIAL PROBLEMS

SCHOOL COUNSELORS STRIVE TO PROVIDE QUALITY SERVICES TO STUDENTS

LIBRARY MEDIA SERVICES

The Missoula County Public Schools' library media program provides for the interest, information, and enlightenment of all people in the school community. Materials and information present all points of view on current and historical issues. Class and individual instruction in library skills, resources for research and recreational reading, and stimulation and guidance in all phases of media use highlight the services provided in the library media centers. As an integral part to the school curricula, the media collections contain materials at all reading and interest levels and represent all forms of media, print and non-print.

SPECIAL EDUCATION SERVICES

Enrollment in Special Education programs is restricted by State and Federal guidelines. Students are placed by a specific referral process which includes a comprehensive evaluation.

LEAST RESTRICTIVE EDUCATIONAL ALTERNATIVE

Special education services for a student with a disability shall be provided in the Least Restrictive Environment (LRE). Under LRE, students with disabilities are educated with their non-disabled peers to the maximum extent appropriate. Special education services delivered outside of the regular classroom, e.g. placement in special education classes in different school facilities occur only when the student's Individual Education Plan (IEP) team has determined a more restrictive environment is appropriate. These more restrictive environments may be in a special classroom within the student's neighborhood school, in a separate school facility within the district, or a residential facility outside of the school district.

It is the goal of Missoula County Public Schools to educate students with disabilities in their neighborhood school to the maximum extent possible.

ALTERNATIVE HIGH SCHOOL PROGRAMS – WILLARD

The Alternative High School Program at Willard is a “**school of choice**” designed for students who want to earn a high school diploma and who want to participate in a rigorous and relevant educational experience preparing them for their adult roles and responsibilities in the 21st Century. This program is not designed to meet the needs of remedial or special education students who require extensive replacement classes.

The Alternative High School Program is comprised of three components:

- The **Alternative Plan** is for students with alternative learning styles in need of smaller classes and more hands-on curriculum. Students attend six 45-minute periods per day.
- The **Independent Study Classes** are primarily for students who benefit from an independent learning approach.

Students who are referred for this program have already earned the bulk of their credit requirements and need seven or fewer credits to graduate. There are two sessions, morning and afternoon, consisting of three 45-minute periods per session.

- The **Freshman Transition** is a program for 9th grade students whose behavior is disrupting their success in school. The students' primary focus is gaining the skills needed to become successful in mainstream classes.

Students attending the Alternative High School Program at Willard remain enrolled in their regular high school (Big Sky, Hellgate, and Sentinel) with all the rights and privileges of an attending student, i.e., yearbook photo, prom, graduation ceremony, activities, etc. However, students may not be on their regular high school campus while classes are in session.

Students who wish to be considered for enrollment at Willard need to submit a completed application packet for review to the district screening team. If you have any questions, please call Jane Bennett, Principal, at 728-2400, ext. 4750 or Bonnie Fergerson, Counselor, at 728-2400, ext. 4752.

COURSES BY DEPARTMENT

MCPS COURSE GUIDE 2016-17

	SCHOOL	GRADE	TERM	CREDIT TYPE	PREREQUISITE
AGRICULTURE (Agriculture courses at Seeley Swan High School are on-line courses facilitated by an on-site teacher): PAGES 18-20					
<u>Introduction to Animal & Plant Science</u>	ALL	9, 10, 11	1 YR	CTE	None
<u>Agriculture Education 2 – Animal Systems and Management</u>	BSHS	10, 11, 12,	1 YR	CTE	Intro to Animal and Plant Science, 1 year of Science, 1 year of Math
<u>Agriculture Education 2 - Forest Land Management</u>	BSHS	10, 11, 12,	1 YR	CTE	Intro to Animal and Plant Science, 1 year of Science, 1 year of Math
<u>Agriculture Education 2 – Greenhouse Management</u>	BSHS	10, 11, 12,	1 YR	CTE	Intro to Animal and Plant Science, 1 year of Science, 1 year of Math
<u>Agriculture Education 2 – Mechanical Systems</u>	BSHS	10, 11, 12,	1 YR	CTE	Intro to Animal and Plant Science, 1 year of Science, 1 year of Math
<u>Agriculture Education 3</u>	BSHS; HHS; SHS	10, 11, 12,	1 YR	CTE	Agriculture Education 2
<u>Agriculture Education 4</u>	BSHS; HHS; SHS	10, 11, 12,	1 YR	CTE	Agriculture Education 3
<u>Nelson Academy Agriculture (DMA)</u>	SSHS	9, 10, 11, 12	1 Sm	CTE	None
<u>Applied Veterinary Science</u>	BSHS; HHS; SHS	10, 11, 12	1 YR	CTE	2 years of science, 1 year of math, and Intro to Animal & Plant Science
BUSINESS & MARKETING: PAGES 21-34					
<u>21st Century Career Essentials (FA)</u>	HHS	9, 10, 11, 12	1 Sem	CTE	None
<u>Accounting 1 (FA-HHS) (Option of dual credit @ BSHS & HHS with ACTG101, Missoula College)</u>	ALL	10, 11, 12	1 YR	CTE	None
<u>Accounting 2 (FA-HHS)</u>	ALL	11, 12	1 YR	CTE	Accounting 1
<u>Accounting 3 (FA)</u>	HHS	11, 12	1 YR	CTE	Accounting 2
<u>Advanced Finance (FA)</u>	HHS	11, 12	1 Sem	CTE	Personal Finance
<u>Banking Practices (FA)</u>	HHS	10, 11, 12	1 Sem	CTE	Personal Finance
<u>Business CO-OP</u>	ALL	11, 12 (10 @ HHS)	1 Sem or 1 YR	CTE	Current enrollment in any CTE class and consent of instructor
<u>Business Independent Study (DMA @ SHS)</u>	BSHS; HHS; SHS	11, 12	1 Sem	CTE	Instructor consent AND 2-3 Business courses in logical sequence
<u>Business Internship (DMA)</u>	SHS	9, 10, 11, 12	1 Sem	CTE	Consent of Instructor
<u>IB Business Management SL</u>	BSHS	11, 12	1 YR	CTE	Marketing 1 and 2
<u>Career Explorations (DMA)</u>	SHS; SSHS	9, 10, 11, 12	1 Sem	CTE	Consent of Instructor
<u>Computer Science A (SHS Computer Science Pathway)(Option of Dual Credit with Missoula College)</u>	SHS	10, 11, 12	1 YR	CTE	Computer Science Principles
<u>Computer Science Principles (DMA @ SHS) (Option of Dual Credit with Missoula College)</u>	SHS	9, 10, 11, 12	1 YR	CTE	Alegbra 1 or PLTW Intro to Computer Science
<u>Computer Science – JAVA Programming 1 – Introduction (DMA @ SHS)</u>	BSHS; HHS; SHS	10, 11, 12	1 YR	CTE	PLTW - CSE
<u>Computer Science – JAVA Programming 2 - Data Structures (DMA @ SHS)</u>	BSHS; HHS; SHS	11, 12	1 YR	CTE	Computer Science – JAVA Programming 1
<u>Computer Science and Software Engineering</u>	BSHS	9, 10, 11, 12	1 YR	CTE	None
<u>Digital Audio Production (DMA)</u>	SHS	10, 11, 12	1 Sem	CTE	Recommend: Digital Media
<u>Digital Media 1</u>	HHS; SHS	9, 10, 11, 12	1 Sem	CTE	Recommend: Technology Tools
<u>Digital Media 2 (Option of Dual Credit with course MART102, University of Montana)</u>	SHS	9, 10, 11, 12	1 Sen	CTE	Recommended: Digital Media 1
<u>Film 1: Introduction to Media Arts (Option of Dual Credit with University of Montana course MART101L) #1850</u>	HHS	10, 11, 12	1 Sem	CTE	None
<u>Film 2: Digital Media in the Arts (Option of Dual Credit with University of Montana MART112) #1860</u>	HHS	10, 11, 12	1 Sem	CTE	Film 1: Intro to Media Arts (MAR101L)
<u>Film Editing 1 (DMA) (Option of Dual Credit with University of Montana Introduction to Nonlinear Editing MART112A)</u>	SHS	9, 10, 11, 12	1 Sem	CTE	Co-Requisite: Recommended-TV1 or The Study of Film 1 & 2 or Technology Tools or Digital Media
<u>Film Editing 2 (DMA) (Option of Dual Credit with University of Montana Introduction to Nonlinear Editing MART112A)</u>	SHS	9, 10, 11, 12	1 Sem	CTE	Film Editing 1 with a grade of “C” or better
<u>Film Study 1 (Option of Dual Credit with University of Montana Introduction to Media Arts MART101L) #1855</u>	SHS	9, 10, 11, 12	1 Sem	CTE	TV1 or The Study of Film 1 & 2 or Technology Tools or Digital Media
<u>Film Study 2 (Option of Dual Credit with University of Montana Introduction to Media Arts MART101L) #1856</u>	SHS	9, 10, 11, 12	1 Sem	CTE	Film Editing 1 with a grade of “C” or better
<u>IB Film Standard Level/Higher Level Yr 1</u>	HHS	11, 12	2 Years	CTE	Digital Film 1, Digital Media, or Graphics Design 1
<u>IB Film Standard Level Yr 2</u>	HHS	11, 12	2 Years	CTE	Digital Film 1, Digital Media, or Graphics Design 1
<u>IB Film Higher Level Yr 2</u>	HHS	11, 12	2 Years	CTE	Digital Film 1, Digital Media, or Graphics Design 1

BUSINESS & MARKETING CONTINUED					
Joy & Beauty of Computing (Option of Dual Credit with Missoula College)	SHS	9, 10, 11, 12	1 Sem	CTE	None
Graphic Design 1 (DMA @ SHS)	ALL	9, 10, 11, 12	1 Sem	CTE	BSHS, HHS, SSHS: 30 wpm & Technology Tools SHS: None
Graphic Design 2 (DMA @ SHS) (SHS: Option of Dual Credit with course MART111A, University of Montana)	ALL	9, 10, 11, 12	1 Sem	CTE	Graphic Design 1
3D Design & Animation (DMA)	SHS	10, 11, 12	1 YR	CTE	Graphic Design 1
Graphic Design 3 (Option of Dual Credit with Missoula College MART214)	SHS	10, 11, 12	1 Sem	CTE	Graphic Design 1 or Tech Tools or Digital Media or Consent of Instructor
Graphic Design Studio	HHS	11, 12	1 Sem	CTE	Photography, Graphic Design 1 & 2
Integrated Digital Arts MAR111A	SHS	11, 12	1 YR	CTE	None
Introduction to Business (FA-HHS)(Option of Dual Credit with UM-Missoula College BGEN 105S)	BSHS; HHS; SHS	11, 12	1 Sem	CTE	None (BSHS; SHS) Personal Finance (HHS)
Introduction to Business Economics (FA-HHS)	HHS	10, 11, 12	1 Sem	CTE	Personal Finance
Introduction to Non-Linear Editing MAR 112A (DMA)	SHS	11, 12	1 YR	CTE	None
Introduction to Photography	HHS	9, 10, 11, 12	1 Sem	CTE	None
Intro to Radio/Audio Storytelling JRNL140A (DMA)	SHS	11, 12	1 Sem	CTE	Consent of Instructor; Recommend: Digital Film 1 & 2
Marketing 1: Introduction to Business, Economics, and Finance	BSHS; SSHS; SHS	9, 10, 11, 12	1 Sem	CTE	None
Marketing 2: Marketing, Management & Leadership	BSHS; SHS	9, 10, 11, 12	1 Sem	CTE	Recommended Marketing 1
Marketing 3: Entrepreneurship (dual credit at SHS with Marketing 4 – BGEN105S Intro to Business)	BSHS; SHS	10, 11, 12	1 Sem	CTE	Recommended Marketing 2
Marketing 4: Global Business Issues (dual credit at SHS with Marketing 3 – BGEN105S Intro to Business)	BSHS; SHS	10, 11, 12	1 Sem	CTE	Recommended Marketing 3
Marketing 5: Career Specialties 1 Organization, leadership & Management	SHS	10, 11, 12	1 Sem	CTE	Consent of Instructor
Marketing 6: Career Specialties 2 Organization, Leadership & Management	SHS	10, 11, 12	1 Sem	CTE	Consent of Instructor
Networking (Option of Dual Credit with Missoula College)	SHS	10, 11, 12	1 YR	CTE	Computer Science Principles
Newspaper/Digital Print Publishing (DMA)	SHS	10, 11, 12	1 YR	CTE	Recommend: Photography, Graphic Design 1 & 2
Personal Finance (FA-HHS)	ALL	9, 10, 11, 12	1 Sem	CTE	None
Photography 1(DMA)	SHS	10, 11, 12	1 Sem	CTE	None
Photography 2	SHS	9, 10, 11, 12	1 Sem	CTE	Photography 1
QuickBooks	BSHS; HHS	11, 12	1 Sem	CTE	Accounting 1 with a grade of “C” or better
Street Law	BSHS; HHS; SSHS	10, 11, 12	1 Sem	CTE	None
Sentinel Design Lab (DMA)	SHS	10, 11, 12	1 Sem	CTE	Consent of Instructor and Graphic Design 1
Spartan Ambassador	SHS	10, 11, 12	1 YR	CTE	None
Spartan Live	SHS	10, 11, 12	1 Sem	CTE	Film Editing class and/or Broadcast Class and/or Consent of Instructor. Co-Requisite: Film Editing class and/or Broadcast Class and/or Consent of Instructor
Technology Tools (DMA @ SHS) (Option of Dual Credit @ SHS with UM-Missoula College course Introduction to Computers CAPP120)	HHS; SSHS; SHS	9, 10, 11, 12	1 Sem	CTE	Recommended 30 WPM
TV1: Intro to Broadcasting (DMA)	SHS	9, 10, 11, 12	1 Sem	CTE	Recommend: Digital Film 1 & 2
TV2: Advanced Broadcasting (DMA)	SHS	10, 11, 12	1 YR	CTE	TVI: Intro to Broadcasting, Recommend: Digital Film 1 & 2
TV2: Spartan TV (DMA)	SHS	11, 12	1 YR	CTE	TVI: Intro to Broadcasting & TV2: Advanced Broadcasting and/or Consent of Instructor; Recommend: Digital Film 1 & 2
Web Design (DMA @ SHS) (Option of Dual Credit @ SHS with UM-Missoula College course Interactive Web II, MART232)	BSHS; HHS; SSHS SHS	10, 11, 12 9, 10, 11, 12	1 Sem 1 Sem	CTE CTE	Digital Media SHS: Graphic Design 1 or Tech Tools or Digital Media or Consent of Instructor
Yearbook (DMA @ SHS)	SHS; SSHS	10, 11, 12	1 YR	CTE	Recommend Photography, Graphic Design 1 & 2
FAMILY & CONSUMER SCIENCE: PAGES 35-37					
Culinary Arts 1	BSHS; HHS; SHS	9, 10, 11, 12	1 Sem	CTE	None
Culinary Arts 2	BSHS; HHS; SHS	9, 10, 11, 12	1 Sem	CTE	Successful completion of Culinary Arts 1 or Nutrition & Wellness with a grade of “C” or higher; and/or consent of instructor
Culinary Arts 3	BSHS; HHS; SHS	10, 11, 12	1 Sem (2-hr block for 1 credit @HHS)	CTE	Successful completion of Culinary Arts 2 with a grade of “B” or higher; and/or consent of instructor
Early Childhood Education 1	HHS; SHS	9, 10, 11, 12	1 Sem	CTE	None
Early Childhood Education 2	HHS; SHS	10, 11, 12	1 Sem	CTE	Successful completion of Early Childhood Education 1 with a grade of “C” or higher, and/or consent of instructor

FAMILY & CONSUMER SCIENCE: Continued					
<u>FACS Independent Study*</u>	BSHS; HHS; SHS	10, 11, 12	1 Sem	CTE	Instructor consent and 2 to 3 FACS courses in logical sequence
<u>Housing & Living Environments</u>	HHS; SHS	9, 10, 11, 12	1 Sem	CTE	None
<u>Nutrition and Wellness</u>	HHS	10, 11, 12	1 Sem	CTE	None
<u>Prep for Life</u>	BSHS; HHS; SHS	BSHS; SHS: 12 HHS: 11, 12	1 Sem @ BSHS 1 YR @ HHS	CTE	None
<u>Textiles & Apparel 1</u>	HHS; SHS	9, 10, 11, 12	1 Sem	CTE	None
<u>Textiles & Apparel 2</u>	HHS; SHS	9, 10, 11, 12	1 Sem	CTE	Textiles & Apparel 1
HEALTH SCIENCE: PAGES 38-39					
<u>Health Science 1</u>	BSHS; HHS; SHS	10, 11, 12	1 Sem	CTE	Health Enhancement 1
<u>Health Science 2</u>	BSHS; HHS; SHS	11, 12	1 Sem	CTE	Health Science 1
<u>Health Science 3</u>	BSHS; HHS; SHS	11, 12	1 Sem	CTE	Health Science 2
<u>Principles of Biomedical Sciences (HSA)</u>	BSHS	9, 10	1 Sem	CTE	Must be enrolled in the Health Science Academy
<u>Human Body Systems (HSA)</u>	BSHS	10	1 YR	CTE	Principles of Biomedical Science and must be enrolled in Health Science Academy
<u>Medical Interventions (HSA)</u>	BSHS	11	1 YR	CTE	Principles of Biomedical Science and must be enrolled in Health Science Academy
<u>Biomedical Innovations (HSA)</u>	BSHS	12	1 YR	CTE	Principles of Biomedical Sciences; Human Body Systems; Medical Interventions; Must be enrolled in the Health Science Academy
INDUSTRIAL TECHNOLOGY: PAGES 40-48					
<u>3D Modeling & Animation</u>	BSHS; HHS; SHS	10, 11, 12	1 YR	CTE	BSHS, SHS - Introduction to Technical Design or Introduction to Art. HHS - Introduction to Technical Design.
<u>Applied Technology 1</u>	BSHS; SHS	9, 10, 11, 12	1 Sem	CTE	None
<u>Applied Technology 2: CNC Machining</u>	SHS	10, 11, 12	1 YR	CTE	Applied Technology 1
<u>Applied Technology 2: Engineering Challenges</u>	SHS	10, 11, 12	1 YR	CTE	Applied Technology 1
<u>Applied Technology 2: Robotics</u>	SHS	10, 11, 12	1 YR	CTE	Applied Technology 1
<u>Engineering Foundations</u>	HHS	9, 10	1 Sem	CTE	None
<u>Introduction to Building Trades 1</u>	HHS	9, 10, 11, 12	1 Sem	CTE	None
<u>Building Trades 2: Manufacturing</u>	HHS	10, 11, 12	1 Sem	CTE	Into to Building Trades 1
<u>Building Trades 2: Residential Carpentry</u>	HHS	10, 11, 12	1 Sem	CTE	Into to Building Trades 1
<u>Building Trades 3: Capstone</u>	HHS	11, 12	1 YR(2 hour daily block, repeatable with consent of instructor)	CTE	Introduction to Building Trades 1; Building Trades 2: Manufacturing or Building Trades 2: Residential Carpentry
<u>Building Trades 1</u>	BSHS; SHS	11, 12	1 YR	CTE	Wood Technology 1 & 2 and consent of instructor
<u>Building Trades 2</u>	BSHS; SHS	11, 12	1 YR	CTE	Building Trades 1 or Cosent of Instructor
<u>IT Essentials – PC Hardware & Software</u>	ALL	11, 12	1 Sem	CTE	None
<u>Cisco CCNA Discovery</u>	ALL	11,12	1 YR	CTE	None
<u>Introduction to Technical Design</u>	BSHS; HHS; SHS	9, 10, 11, 12	1 Sem	CTE	None
<u>Architectural Design</u>	ALL	10, 11, 12	1 YR	CTE	Introduction to Technical Design
<u>Engineering Design</u>	BSHS; HHS	10, 11, 12	1 YR	CTE	Introduction to Technical Design
<u>Design Project 1:DDSN 113 Technical Drafting</u>	BSHS; HHS; SHS	11, 12	1 Sem	CTE	Introduction to Technical Design and an intermediate design class such as Architectural Design, Engineering Design or 3D Modeling & Animation
<u>Design Project 2: DDSN 114 Introduction to CAD</u>	BSHS; HHS; SHS	11, 12	1 Sem	CTE	Introduction to Technical Design and an intermediate design class such as Architectural Design, Engineering Design or 3D Modeling & Animation
<u>Design Project 3: DDSN 116 3D CAD</u>	BSHS; HHS; SHS	11, 12	1 Sem	CTE	Introduction to Technical Design and an intermediate design class such as Architectural Design, Engineering Design or 3D Modeling & Animation
<u>Introduction to Engineering Design (PLTW)</u>	SHS	9, 10	1 YR	CTE	Co-Requisite: Science and Math
<u>Civil Engineering & Architecture (PLTW)</u>	SHS	11	1 YR	CTE	IDE, POE
<u>Principles of Engineering</u>	BSHS; SHS	9, 10, 11, 12	1 YR	CTE	None
<u>Metals Technology 1</u>	SHS; SSHS	9, 10, 11, 12	1 Sem	CTE	None
<u>Metals Technology 2</u>	SHS; SSHS	10, 11, 12	1 YR	CTE	Metals Technology
<u>Introduction to Mechanical Systems (Automotive Pathway)</u>	SHS	9, 10	1 Sem (2 periods/day @ SHS)	CTE	None
<u>MCPS Automotive Technology 1</u>	SHS	9, 10	1 YR	CTE	Introduction to Mechanical Systems
<u>MCPS Automotive Technology 2</u>	SHS	11	1 YR	CTE	MCPS Automotive 1 or Consent of Instructor
<u>MCPS Exploration of Automotive Career (MAT)</u>	SHS	11-12	1 YR	CTE	MCPS Automotive Technology 1
<u>MCPS Automotive Technology 3</u>	SHS	12	1 YR	CTE	MCPS Automotive 1; Co-Requisite: MCPS Automotive 2 or Consent of Instructor

INDUSTRIAL TECHNOLOGY: Continued					
<u>Consumer Mechanics: Automotive</u>	BSHS; HHS; SHS	10, 11, 12	1 Sem	CTE	Enrollment or completion of Driver's Ed or Driver's License encouraged
<u>Welding 180 SMAW & OAW – Dual Credit @ SHS with Missoula College WLDG 180 SMAW and Oxyacetylene Welding</u>	SHS	12	1 YR	CTE	Welding Technology 1
<u>Welding Technology 1</u>	ALL	9, 10, 11, 12	1 Sem	CTE	None
<u>Welding Technology 2</u>	ALL	10, 11, 12	1 YR BSHS & SHS, 1 Sem HHS	CTE	Welding 1
<u>Welding Technology 3: Design & Fabrication</u>	HHS; SHS	11, 12	1 YR(2 hr daily block @ HHS)	CTE	Welding 2 at Sentinel. Welding 1 and at Hellgate
<u>Wood Technology 1</u>	ALL	9, 10, 11, 12	1 Sem	CTE	None
<u>Wood Technology 2</u>	ALL	10, 11, 12	1 YR	CTE	Wood Technoogy 1
<u>Wood Technology 3</u>	ALL	11, 12	1 YR	CTE	Wood Technology 2 or consent of instructor
ENGLISH-LANGUAGE ARTS (EN): PAGES 49-56					
<u>English 1</u>	ALL	9	1 YR	EN	None
<u>English 1 Reading</u>	ALL	9	1 YR	EN	None
<u>English 1 Honors</u>	BSHS; HHS	9 9	1 YR 1 YR	EN EN	Honors contract Completed Summer Assignment
<u>English 2</u>	ALL	10	1 YR	EN	English 1
<u>English 2 Reading</u>	ALL	10	1 YR	EN	English 1
<u>English 2 Honors</u>	SHS	10	1 YR	EN	English 1
<u>English 2 Honors/Modern World History</u>	HHS	10	1 YR	EN/SS	English 1
<u>English 2 Honors/AP World History</u>	SHS	10	1 YR	EN/SS	English 1
<u>English 3</u>	ALL	11	1 YR	EN	English 2
<u>English 3 Reading</u>	ALL	11	1 YR	EN	English 2
<u>English 3/US History</u>	SHS	11	1 YR	EN/SS	English 2
<u>A.P. English 3</u>	BSHS; HHS; SHS	11	1 YR	EN	English 2
<u>IB English 11 Literature Higher Level</u>	BSHS; HHS	11	1 YR	EN	English 2
<u>English 4</u>	ALL	12	1 YR	EN	English 3
<u>English 4 Reading</u>	ALL	12	1 YR	EN	English 3
<u>AP English 4</u>	BSHS; HHS; SHS	12	1 YR	EN	English 3
<u>English 4/Introduction to Film (Option of Dual Credit with UM Film 103L)</u>	SHS	12	1 YR	EN	English 3 with a grade of "C" or better. Must have parental permission to view R-rate films.
<u>IB English 12 Literature Higher Level</u>	BSHS; HHS	12	1 YR	EN	IB English 11
<u>IB Theory of Knowledge 11</u>	BSHS; HHS	11	1 Sem (2 nd sem of JR yr)	EN	None
<u>IB Theory of Knowledge 12</u>	BSHS; HHS	12	1 Sem(1 st sem the SR yr)	EN	IB Theory of Knowledge 11
<u>Technical Writing (FA) (Option of Dual Credit with UM-Missoula College</u>	HHS	11, 12	1 YR	EN	English 2
<u>Writing 101</u>	SSHS; SHS	12	1 YR	EN	English 3 and a score of 3.5 or higher on MUSWA
<u>Literature 110</u>	SSHS	12	1 Sem	EN	English 3
<u>Speech 1</u>	BSHS; SHS	9, 10, 11, 12	1 Sem	EL	None
<u>Speech 2</u>	BSHS; SHS	9, 10, 11, 12	1 Sem	EL	Speech 1
<u>Introduction to Creative Writing</u>	ALL	9, 10, 11, 12	1 Sem HHS: SSHS 1 YR BSHS; SHS	EL	None
<u>Literary Magazine</u>	BSHS	10, 11, 12	1 YR	EL	Intro to Creative Writing or consent of instructor
<u>International Literary Magazine</u>	BSHS	11, 12	1 YR	EL	Intro to Creative Writing, Literary Magazine, and/or consent of instructor
<u>Introduction to Journalism</u>	ALL	9, 10, 11, 12	1 YR	EL	"C" or higher in current English class
<u>Newspaper</u>	BSHS; HHS; SHS	10, 11, 12	1 YR	EL	Intro to Journalism and/or consent of instructor
<u>Broadcasting</u>	BSHS; SHS	10, 11, 12	1 YR	EL	Intro to Journalism and/or consent of instructor
<u>Yearbook</u>	BSHS; HHS	10, 11, 12	1 YR	EL	"B" or higher in Intro to Journalism and/or consent of instructor
FINE ARTS/MUSIC (AR): PAGES 57-62					
<u>Beginning Band</u>	BSHS; HHS; SHS	9	1 YR	AR	Previous Instruction in Grade School or Consent of Instructor
<u>Intermediate Band</u>	ALL	9, 10, 11, 12	1 YR	AR	Previous Instruction in Grade School or Consent of Instructor
<u>Advanced Band</u>	BSHS; HHS; SHS	10, 11, 12	1 YR	AR	Beginning Band, or Intermediate Band, or Consent of Instructor
<u>Jazz Band</u>	BSHS; HHS ;SHS	10, 11, 12	1 YR	AR	Audition and Consent of Instructor

FINE ARTS/MUSIC (AR): Continued					
Wind Ensemble	BSHS; HHS	10, 11, 12	1 YR	AR	Consent of Instructor
Beginning Men's Choir	ALL	9, 10, 11, 12	1 YR	AR	None
Beginning Women's Choir	ALL	9, 10, 11, 12	1 YR	AR	None
Advanced Women's Choir	BSHS; HHS; SHS	10, 11, 12	1 YR	AR	Audition and Consent of Instructor. Beginning Choir Recommended
Intermediate Mixed Choir	ALL	9, 10, 11, 12	1 YR	AR	Audition and Consent of Instructor. Beginning Choir Recommended
Advanced Mixed Choir	BSHS; HHS; SHS	10, 11, 12	1 YR	AR	Audition & Consent of Instructor
Advanced Chamber Ensemble	HHS	10, 11, 12	1 YR	AR	Audition & Consent of Instructor
Guitar 1	BSHS; SHS	9, 10, 11, 12	1 Sem	AR	None
Ukulele 1	BSHS	9, 10, 11, 12	1 Sem	AR	None
Beginning Orchestra	BSHS	9, 10, 11, 12	1 YR	AR	Previous Instruction or Consent of Instructor
Intermediate Orchestra	HHS; SHS	9, 10, 11, 12	1 YR	AR	2 or 3 Years Prior Playing Experience and Consent of Instructor
Advanced Orchestra	HHS; SHS	10, 11, 12	1 YR	AR	Audition and Consent of Instructor
Music Appreciation	SSHS	9, 10, 11, 12	1 Sem	AR	None
Music Technology	BSHS	11, 12	1 Sem or 1 YR	AR	2 Years of Music Training or Consent of Instructor
Music Theory	SHS	9, 10, 11, 12	1 Sem	AR	None
AP Music Theory	SHS	11, 12	1 YR	AR	See description of course
IB Music	BSHS	9, 10, 11, 12	1 YR	AR	None
IB Music SL	HHS	12	1 YR	AR	Prerequisite: Successful audition into upper level ensemble and theory examination. Consent of Instructor Co-requisite: Upper Division Music Course
Percussion Ensemble	SSHS	9, 10, 11, 12	1 Sem	AR	None
FINE ARTS/THEATRE ARTS (AR): PAGES 63-64					
Drama 1 Intro to Theatre	ALL	9, 10, 11, 12	1 Sem	AR	None
Drama 2 Intermediate Theatre	ALL	10, 11, 12	1 YR	AR	Drama 1 and consent of instructor
Drama 2 Filmmaking	BSHS; HHS; SHS	10, 11, 12	1 Sem	AR	Drama 1 and/or consent of instructor
Drama 3 Advanced Theatre	BSHS; HHS; SHS	10, 11, 12	1 YR	AR	Drama 2 and consent of instructor
Movement for Theatre	BSHS; HHS; SHS	10, 11, 12	1 Sem	AR	None
Technical Theatre Production	BSHS; HHS; SHS	10, 11, 12	1 YR	AR	Drama 1 and/or consent of instructor
IB Drama – Standard Level	BSHS	11, 12	1 YR	AR	Drama 1
IB Advanced Drama	HHS	11, 12	1 YR	AR	Drama 1 and 2 and consent of instructor
FINE ARTS/VISUAL ARTS (AR): PAGES 65-68					
Introduction to Art	ALL	9, 10, 11, 12	1 YR	AR	None
Ceramics	BSHS; HHS; SHS	10, 11, 12	1 Sem	AR	Introduction to Art
Ceramics 2	BSHS	10, 11, 12	1 Sem	AR	Ceramics
Drawing	BSHS; HHS; SHS	10, 11, 12	1 Sem	AR	Introduction to Art
Graphic Illustration	BSHS	10, 11, 12	1 Sem	AR	Introduction to Art
Jewelry	SHS	10, 11, 12	1 Sem	AR	Introduction to Art
Painting	BSHS; HHS; SHS	10, 11, 12	1 Sem	AR	Introduction to Art
Printmaking	HHS	10, 11, 12	1 Sem	AR	Introduction to Art
Sculpture	BSHS; HHS; SHS	10, 11, 12	1 Sem	AR	Introduction to Art
Watercolor	BSHS; HHS	10, 11, 12	1 Sem	AR	Introduction to Art
Conceptual Mixed Media	HHS	11, 12	1 Sem	AR	Introduction to Art and Drawing (or Consent of Instructor)
Senior Studio	ALL	11, 12	1 Sem	AR	Intro to Art, 2 additional art courses, and Consent of Instructor
AP Studio Art	SHS	11, 12	1 YR	AR	Introduction to Art
IB Visual Art Standard Level Year 1	HHS	11, 12	1 YR	AR	Intro to Art
IB Visual Art Standard Level Year 2	HHS	12	1 YR	AR	IB Visual Art Standard Level Yr 1
IB Visual Art Higher Level Year 1	HHS	11, 12	1 YR	AR	Intro to Art
IB Visual Art Higher Level Year 2	HHS	12	1 YR	AR	IB Visual Art Higher Level Yr 1
HEALTH ENHANCEMENT (HE) **Elective Health Enhancement classes cannot be substituted for Health Enhancement 1 or 2: PAGES 69-71					
Health Enhancement 1	ALL	9	1 YR	HE	None
Health Enhancement 2	ALL	10	1 YR	HE	Health Enhancement 1
**Perform Better	BSHS	9, 10, 11, 12	1 Sem	HE	Must also take, or have taken, Health Enhancement
**Beginning Weight Training & Conditioning	BSHS; SSHS	9, 10, 11, 12	1 Sem	HE	Health Enhancement 1 or 2, or concurrent enrollment
**Weight Training & Conditioning	HHS; SSHS; SHS	9, 10, 11, 12	1 Sem	HE	Health Enhancement 1 or 2, or concurrent enrollment or consent of instructor
**Advanced Weight Training & Conditioning	BSHS	9, 10, 11, 12	1 Sem	HE	Beginning Weight Training & Conditioning
**Focus on Fitness	BSHS; HHS	11, 12	1 Sem	HE	Health Enhancement 2 or consent of instructor
**Lifetime Activity	BSHS; HHS; SHS	11, 12	1 Sem	HE	Health Enhancement 2 or consent of instructor
**Team Sport Challenge	BSHS; HHS	11, 12	1 Sem	HE	Health Enhancement 2 or consent of instructor
**Sport Nutrition	BSHS; HHS	11, 12	1 Sem	HE	Health Enhancement 2 or consent of instructor

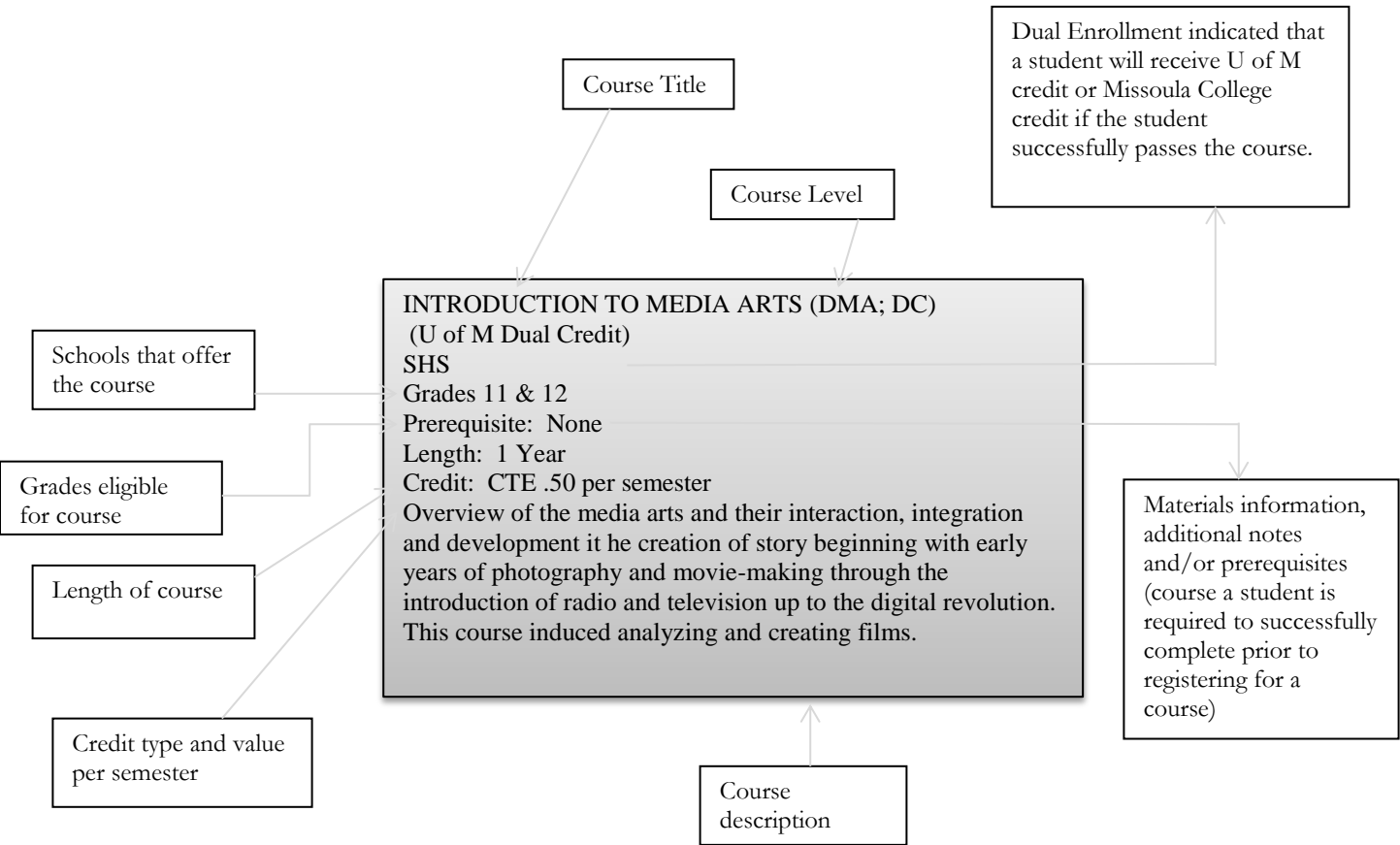
MATHEMATICS (MA): PAGES 72-76					
<u>Algebra 1</u>	ALL	9, 10, 11	1 YR	MA	Teacher recommendation
<u>Algebra 1A</u>	SHS	9, 10, 11, 12	1 YR	MA	None
<u>Algebra 1B</u>	SHS	9, 10, 11, 12	1 YR	MA	None
<u>Algebra 1 Enhancement</u>	ALL	9	1 Sem	EL	Teacher recommendation and concurrent enrollment in Algebra 1
<u>Financial Algebra (FA)</u>	HHS	11, 12	1 YR	MA	Algebra 1
<u>Geometry Enhancement</u>	ALL	9, 10	1 YR	EL	Teacher recommendation and concurrent enrollment in Geometry
<u>Geometry and Honors Geometry</u> (Note: SSHS does not offer Honors Geometry)	BSHS; SHS; SSHS	9, 10, 11, 12	1 YR	MA	Algebra 1 or teacher recommendation
	HHS	9, 10, 11, 12	1 YR	MA	Algebra 1 "C" or higher or teacher recommendation
<u>IB Mathematical Studies Standard Level YR 1</u>	BSHS; HHS	11, 12	1 YR	MA	Algebra 2 "C" or higher
<u>Algebra 2 and Honors Algebra 2</u>	BSHS; SHS	9, 10, 11, 12	1 YR	MA	Geometry or teacher recommendation
	HHS	9, 10, 11, 12	1 YR	MA	Geometry or Honors Geometry "C" or teacher recommendation
<u>Algebra 2 Enhancement</u>	BSHS; HHS; SHS	9, 10, 11, 12	1 YR	EL	Teacher recommendation and concurrent enrollment in Algebra 2
<u>IB Mathematical Standard Level YR 1</u>	BSHS; HHS	11, 12	1 YR	MA	Honors Algebra 2 "C" or higher
<u>IB Mathematical Standard Level YR 2</u>	BSHS; HHS	12	1 YR	MA	IB Math Standard Level Yr 1
<u>Discrete Math</u> (Option of Dual Credit with UM-Missoula College MAT 115)	SSHS; SHS	11, 12	1 Sem	MA	Algebra 2
<u>Functions, Statistics, & Trigonometry</u> (Option of Dual Credit with UM-Missoula College MAT 115 @ HHS)	BSHS; SHS	10, 11, 12	1 YR	MA	Algebra 2 or consent of instructor
	HHS	10, 11, 12	1 YR	MA	Algebra 2 with "C" or higher or consent of instructor
<u>Pre-Calculus</u> (Option of Dual Credit with UM-Missoula College MAT 151)	BSHS; SHS	9, 10, 11, 12		MA	Func, Stats, & Trig. or Algebra 2 or Honors Algebra 2 "C" or higher
<u>Honors Pre-Calculus</u> (Option of Dual Credit with UM-Missoula College MAT 151)	HHS; SSHS; SHS	9, 10, 11, 12	1 YR	MA	Func, Stats, & Trig. or Honors Algebra 2 "C" or higher
<u>Statistics 216</u> (Option of dual credit with Helena College STATS216)	SSHS	11, 12	1 Sem	MA	25 on ACT or pass COMPASS test with appropriate score
<u>Technical Mathematics</u> (Option of Dual Credit with UM-Missoula College MAT 111)	BSHS; SHS; SSHS	11, 12	1 YR	MA	Geometry
	HHS		1 YR	MA	Geometry "C" or higher
<u>Adv. Placement Statistics</u>	BSHS; HHS; SHS	10, 11, 12	1 YR	MA	Algebra 2
<u>Adv. Placement Calculus AB</u>	BSHS; SHS; SSHS	11, 12	1 YR	MA	Pre-Calculus
	HHS	11, 12	1 YR	MA	Honors Pre-Calculus "C" or higher
<u>Adv. Placement Calculus BC</u>	BSHS; SHS; SSHS	11, 12	1 YR	MA	Pass AP Calculus AB or teacher recommendation
SCIENCE (SC): PAGES 77-83					
<u>Biology 1</u>	ALL	9, 10, 11, 12	1 YR	SC	IESPS or consent of instructor
<u>Advanced Problems in Science</u>	ALL	9, 10, 11, 12	1 YR	SC	Min GPA of 3.00 and consent of instructor
<u>AP Biology</u>	SHS	10, 11, 12	1 YR	SC	Chemistry 1
<u>Biology 2</u>	BSHS; HHS; SSHS	10, 11, 12	1 YR	SC	Grade of "C" or better in Biology 1, or consent of instructor
<u>Biology 2: Biotechnology and Technical Writing</u>	BSHS	11, 12	1 YR	SC	Biology 1
<u>IB Sports, Exercise & Health Science SL</u>	BSHS;	11, 12	1 YR	SC	Earth Science, Biology 1
	HHS	11, 12	1 YR	SC	Algebra 2; Earth Science; Biology 1; Physical Science
<u>IB Biology Higher Level Yr 1</u>	BSHS; HHS	11, 12	1 YR	SC	Biology 1
<u>IB Biology Higher Level Yr 2</u>	BSHS; HHS	12	1 YR	SC	IB Biology Higher Level Yr 1
<u>Integrated Earth, Space & Physical Science</u>	ALL	9, 10, 11, 12	1 YR	SC	None
<u>Ecology</u>	BSHS	10, 11, 12	1 YR	SC	Biology 1
<u>AP Environmental Science</u>	SHS	9, 10, 11, 12	1 YR	SC	See course description
<u>Human Anatomy & Physiology</u>	BSHS; SSHS; SHS	10, 11, 12	1 YR	SC	Biology 1 @ BSHS & SSHS; Grade of "C" or better in Biology 1 or AP Biology, or consent of instructor @ SHS
<u>Natural Resources Conservation</u>	BSHS	10, 11, 12	1 YR	SC	1 year of high school science
<u>Wildlife Biology</u>	HHS; SSHS; SHS	10, 11, 12	1 YR	SC	Grade of "C" or better in Biology 1 or AP Biology, or consent of instructor
<u>Geology</u>	BSHS	10, 11, 12	1 YR	SC	Biology 1 and Algebra 1
<u>Alternative Energy Systems</u>	BSHS	10, 11, 12	1 YR	SC	Integrated Earth, Space & Physical Science CO-REQUISITE: Biology 1
<u>Chemistry 1</u>	ALL	10, 11, 12	1 YR	SC	Biology 1 & Geometry
<u>Chemistry 2</u>	BSHS; HHS; SHS	11, 12	1 YR	SC	Chemistry 1 (passing grade) and Algebra 2 or greater
<u>Chemistry 3</u>	BSHS	12	1 YR	SC	Chemistry 2
<u>AP Chemistry</u>	SHS	11, 12	1 YR	SC	Chemistry 1 and Algebra 2
<u>IB Chemistry Standard Level YR 1</u>	BSHS	11, 12	1 YR	SC	None; Preferably students will not have had any chemistry experience
<u>IB Chemistry Higher Level YR 1</u>	BSHS	11, 12	1 YR	SC	Chemistry 1
<u>IB Chemistry Standard Level YR 2</u>	HHS, BSHS	12	1 YR	SC	IB Chemistry SL YR 2
<u>IB Environmental Systems & Societies Standard Level</u>	BSHS; HHS	11, 12	1 YR	SC	IESPS and Biology 1

Physics 1	BSHS; HHS; SSHS	11, 12	1 YR	SC	Algebra 2 or concurrent enrollment
Physics 2	BSHS; HHS	12	1 YR	SC	Physics 1
SOCIAL STUDIES (SS): PAGES 84-88					
AP Physics 1	SHS	11, 12	1 YR	SC	Algebra 2 or concurrent enrollment
AP Physics 2	SHS	12	1 YR	SC	AP Physics 1
World Geography	BSHS; SHS; SSHS	9, 10, 11, 12	1 YR	SS	None
Human Geography	HHS	9, 10, 11, 12	1 YR	SS	None
AP Human Geography	SHS	9, 10, 11, 12	1 YR	SS	See course description
United States Government and the Political Economy	ALL	12	1 YR	SS	None
AP United States Govt. & the Political Economy	HHS; SSHS; SHS	11, 12	1 YR	SS	US History or World History
United States History	ALL	11	1 YR	SS	None
AP US History	HHS; SSHS; SHS	11, 12	1 YR	SS	None
US History/English 3	BSHS; SHS	11+	1 YR	SS	English 2
Sociology and Criminology	ALL	10, 11, 12	1 Sem	SS	None
World Issues Seminar	BSHS; SSHS; SHS	11, 12	1 Sem	SS	None
Honors Modern World History / Honors English 2	HHS	10	1 YR	SS	English 1
AP World History/ English 2 Honors	SHS	10	1 YR	SS	English 1
Modern World History	ALL	9, 10, 11, 12	1 YR	SS	None
AP World History	SHS	10	1 YR	SS	None
Psychology	ALL	10, 11, 12	1 YR	SS	None
IB History of the Americas Higher Level	BSHS; HHS	11	1 YR	SS	None
IB 20 th Century Topics	BSHS; HHS	12	1 YR	SS	IB History of the Americas
SPECIALIZED PROGRAMS (SP): PAGES 89-93					
Algebra 1 – Title I		9	1 YR	EL	None
Algebra 1 Enhancement – Title I		9	1 YR	EL	None
Algebra 1/Geometry Enhancement-Title I		10	1 YR	EL	Algebra 1 – Title I
Advanced Exploring Exceptionalities	SHS	11, 12	1 Sem	EL	Exploring Exceptionalities
English as a Second Language (ESL) (Immersion)	HHS	9, 10, 11, 12	1 YR	EL	Counselor or instructor recommendation
ESL English Beginning & Intermediate	HHS	9, 10, 11, 12	1 YR	EL	Counselor or instructor recommendation
ESL English Advanced	HHS	9, 10, 11, 12	1 YR	EL	Counselor or instructor recommendation
Exploring Exceptionalities	BSHS; SSHS; SHS	10, 11, 12	1 Sem	EL	Introduction to Exceptionalities
Independent Reading	SHS	9, 10, 11, 12	1 Sem	EL	Not repeatable
Introduction to Exceptionalities	BSHS; SSHS; SHS	10, 11, 12	1 Sem	EL	Consent of instructor
Native American Studies	BSHS; HHS; SHS	9, 10, 11, 12	1 Sem	EL	None
Literacy 1	SHS	9, 10, 11, 12	1 YR	EL	Test scores and/or counselor referral
Literacy 2	SHS	9, 10, 11, 12	1 YR	EL	Test scores and/or counselor referral
Peer Tutoring	BSHS	10, 11, 12	1 Sem	EL	None
Reading-English 1, T1	BSHS; SSHS	9	1 YR	EN	Test scores, counselor/teacher referral
Reading-English 1	SHS	9, 10,	1 YR	EN	Test scores, counselor/teacher referral
Reading-English 2, T1	BSHS	10	1 Yr	EL	English 1, T1 -Students must qualify (see course specifics)
	SSHS	11	1 Yr	EL	Test scores, counselor/teacher referral
Reading-English 3, T1	BSHS	11	1 Yr	EL	Reading-English 2, T1
Reading-English 4, T1	BSHS	12	1 YR	EN	Title I: Test Scores, counselor/teacher recommendation
English T1	HHS	9, 10, 11, 12	1 Sem	EL	Title I: Test Scores, counselor/teacher recommendation
English Lab T1	HHS	9, 10, 11, 12	1 Sem	EL	Title I: Test Scores, counselor/teacher recommendation
Reading T1	BSHS; SSHS	9, 10, 11, 12	1 Sem	EL	Title I: Test Scores, counselor/teacher recommendation
Study Skills	HHS; SSHS	9, 10, 11, 12	1 Sem	EL	Counselor referral at Hellgate and Sentinel
SUPPORTIVE SERVICES (SE) BASIC: PAGES 94-99					
Basic Adaptive Health Enhancement	BSHS	9, 10, 11, 12	1 YR	HE	IEP
Basic Art	SHS; SSHS	9, 10, 11, 12	1 YR	FA	IEP
Basic Biology	SSHS	9, 10, 11, 12	1 YR	SC	IEP
Basic Community Explorations	BSHS	9, 10, 11, 12	1 YR	EL	IEP
Basic Computers	BSHS; HHS; SHS	9, 10, 11, 12	1 YR	CTE	IEP
Basic Earth Science	SSHS	9, 10, 11, 12	1 YR	SC	IEP
Basic English	BSHS; SSHS	9, 10, 11, 12	1 YR	EN	IEP
Basic English 2	SHS	10	1 YR	EN	IEP and Basic English 1
Basic English 3	SHS	11	1 YR	EN	IEP and Basic English 2
Basic English 4	SHS	12	1 YR	EN	IEP and Basic English 2
Basic Health Enhancement	BSHS; SHS; SSHS	9, 10	1 YR	HE	IEP
Basic Independent Living	ALL	9, 10, 11, 12	1 Sem or 1 YR	CTE	IEP
Basic Independent Living 2	SSHS; SHS	11, 12	1 YR	CTE	Basic Independent Living 1

Basic Marketing	SHS	9, 10, 11, 12	1 YR	CTE	IEP
Basic Math	HHS; SSHS	9, 10, 11, 12	1 YR	MA	IEP
SUPPORTIVE SERVICES (SE) BASIC: Continued					
Basic Math 1	BSHS; SHS	9, 10, 11, 12	1 YR	MA	IEP
Basic Math 2	SHS	9, 10, 11	1 YR	MA	IEP and Basic Math 1
Basic Math 3	SHS	11, 12	1 YR	MA	IEP and Basic Math 2
Basic Reading	HHS	9, 10, 11, 12	1 YR	EL	IEP
Basic Science	BSHS; SHS; SSHS	9, 10, 11, 12	1 YR	SC	IEP
Basic Social Studies	SHS; SSHS	9, 10, 11, 12	1 YR	SS	IEP
Basic United States Government	SSHS; SHS; SSHS	11, 12	1 YR	SS	IEP
Basic United States History	SHS; SSHS	11, 12	1 YR	SS	IEP
Basic Voc Prep	SHS; SSHS	9, 10, 11, 12	1 YR	CTE	IEP – consent of Instructor
Basic Weight Training	SHS	10, 11, 12	1 YR	HE	IEP
Basic Woods	SHS; SSHS	9, 10, 11, 12	1 YR	CTE	None
SUPPORTIVE SERVICES (SE) GENERAL: PAGES 100-109					
General Algebra Concepts & Skills	BSHS	9, 10, 11, 12	1 YR	EL	IEP
General Art A	SHS	9, 10, 11, 12	1 YR	FA	IEP
General Biology	SSHS; SHS	9, 10, 11, 12	1 YR	SC	IEP and Consent of Instructor
General Career Preparations	SHS	11, 12	1 YR	EL	IEP
General Computer Business A	SHS	9, 10, 11, 12	1 Sem or 1 YR	CTE	IEP
General Conflict Resolution A	SHS	9, 10	1 YR	EL	IEP
General Earth Science	BSHS; SHS; SSHS	9, 10 SHS: 9, 10, 11, 12	1 YR	SC	IEP
General English	SSHS	9, 10, 11, 12	1 YR	EN	IEP
General English 1	BSHS; HHS; SHS	9	1 YR	EN	IEP
General English 1/Literacy	HHS	9	1 YR	EN	IEP Recommendation
General English 1A	SHS; BSHS	9	1 YR	EN	IEP
General English 2	BSHS; HHS; SHS	10	1 YR	EN	IEP
General English 2A	SHS	10	1 YR	EN	IEP and General English 1
General English 3	BSHS; HHS; SHS	11	1 YR	EN	IEP and General English 2
General English 3A	SHS	11	1 YR	EN	IEP and General English 2A
General English 4	BSHS; HHS; SHS	12	1 YR	EN	IEP and General English 3
General English 4A	SHS	12	1 YR	EN	IEP and General English 3
General English Independent Study	BSHS	9, 10, 11, 12	1 Sem or 1 YR	EN	IEP and Consent of Instructor
General Geography A	SHS	9, 10, 11, 12	1 YR	SS	IEP
General Health Enhancement	SSHS	9, 10	1 YR	HE	IEP
General Health Enhancement A	SHS	9, 10	1 YR	HE	IEP
General Life Prep	HHS; SHS	9, 10, 11, 12	1 Sem or 1 YR	EL	IEP and consent of Instructor and/or Case Manager
General Marketing A	SHS	10, 11, 12	1 YR	CTE	IEP
General Algebra	SSHS	10, 11	1 YR	MA	IEP
General Math	SSHS	9, 10, 11, 12	1 YR	MA	IEP
General Math 1	BSHS; HHS; SHS	9	1 YR	MA	IEP
General Math 1A	SHS	9	1 YR	MA	IEP
General Math 1/2	HHS	9, 10, 11	1 YR	MA	IEP
General Math 2	BSHS; HHS; SHS	10	1 YR	MA	IEP
General Math 2A	SHS	10	1 YR	MA	IEP and General Math 1
General Math 3	SHS	11, 12	1 YR	MA	IEP and 2 years of math
General Math 3A	SHS	11, 12	1 YR	MA	IEP and 2 years of math
General Math 3/4	HHS	9, 10, 11, 12	1 YR	MA	IEP
General Math Independent Study	BSHS	9, 10, 11, 12	1 YR	MA	IEP and General Math 1
General Montana History A	SHS	9, 10, 11, 12	1 YR	SS	IEP
General Personal Strategies	SHS	SHS: 9, 10	1 YR	EL	IEP
General Psychology A	SHS	9, 10, 11, 12	1 YR	SS	IEP
General Reading A	SHS	9, 10, 11, 12	1 YR	EL	IEP
General Science A	HHS; SHS; SSHS	9, 10, 11, 12	1 YR	SC	IEP
General Study Skills A	SHS; SSHS	9, 10, 11, 12	1 YR	EL	IEP
General United States Government	BSHS; HHS; SSHS	12	1 YR	SS	IEP
General United States Government A	SHS	12	1 YR	SS	IEP
General United States History	BSHS; HHS; SSHS	11	1 YR	SS	IEP
General United States History A	SHS	11	1 YR	SS	IEP
Independent Study General Social Studies	SSHS	9, 10, 11, 12	1 YR	SS	IEP
SE Independent Study	BSHS	9, 10, 11, 12	1 Sem	EL	IEP
SUPPORTIVE SERVICES (SE) RESOURCE: PAGES 110-112					
Consumer Math	BSHS; HHS	11, 12	1 YR	EL	IEP

<u>Math Lab 1</u>	SHS	9, 10	1 Sem	EL	IEP and concurrent enrollment in Algebra Readiness
<u>Math Lab 2</u>	SHS	9, 10	1 Sem	EL	IEP and concurrent enrollment in Algebra 1
SUPPORTIVE SERVICES (SE) RESOURCE: Continued					
<u>Personal Social</u>	BSHS	9, 10, 11, 12	1 Sem or 1 YR	EL	IEP
<u>Science Lab 1</u>	SHS	9, 10, 11, 12	1 YR	EL	None
<u>Science Lab 2</u>	SHS	9, 10, 11, 12	1 YR	EL	None
<u>Senior Study Skills</u>	BSHS; HHS; SSHS	12	1 Sem or 1 YR	EL	IEP
<u>Study Skills</u>	HHS	9, 10, 11, 12	1 YR	EL	IEP
<u>Study Skills 1</u>	BSHS; SSHS	9	1 Sem or 1 YR	EL	IEP
<u>Study Skills 2</u>	BSHS; SSHS	10, 11	1 Sem or 1 YR	EL	IEP
<u>Voc Prep 1</u>	BSHS; HHS	9, 10, 11, 12	1 YR	CTE	IEP
<u>Voc Prep A</u>	BSHS; SHS	9, 10, 11, 12 BSHS 9 only	1 Sem or 1 YR	CTE	IEP
<u>Voc Prep 2</u>	BSHS; HHS	9, 10, 11, 12 11, 12	1 YR 1 YR	CTE CTE	IEP and Voc Prep 1 IEP and Voc Prep 1
<u>Workplace Communication</u> (Option on Dual Credit with UM-Missoula College)	SHS	11, 12	1 Sem	EL	Teacher approval
WORLD LANGAUAGES (WL): PAGES 113-118					
FRENCH					
<u>French 1</u>	BSHS; SHS; HHS	9, 10, 11, 12	1 YR	EL	None
<u>French 2</u>	BSHS; SHS HHS	9, 10, 11, 12 9, 10, 11, 12	1 YR 1 YR	EL EL	Prior study of the language and/or French 1 French 1
<u>French 3</u>	BSHS; SHS	9, 10, 11, 12	1 YR	EL	Prior study of the language
<u>French 3/IB SL1</u>	HHS	11, 12	1 YR	WL	French 2
<u>French 4</u>	BSHS; SHS	9, 10, 11, 12	1 YR	EL	Prior study of the language
<u>French 4/IB SL2</u>	HHS	11, 12	1 YR	WL	French 3/IB SL1
<u>French 5 - Independent Study</u>	BSHS;SHS	9, 10, 11, 12	1 YR	EL	Prior study of the language
GERMAN					
<u>German 1 & IB Ab Initio 1</u>	HHS; SSHS	9, 10, 11, 12	1 YR	EL	None
<u>German 2 & IB Ab Initio 2</u>	HHS; SSHS	9, 10, 11, 12	1 YR	WL	German 1
<u>German 3</u>	HHS; SSHS	9, 10, 11, 12	1 YR	EL	German 2
<u>German 4</u>	HHS; SSHS	9, 10, 11, 12	1 YR	EL	German 3
SPANISH					
<u>Spanish 1</u>	ALL	9, 10, 11, 12	1 YR	EL	Prior study of the language
<u>IB Spanish AB Initio Yr 1</u>	BSHS	11, 12	1 YR	EL	None
<u>Spanish 2</u>	BSHS; SSH; SSHS HHS	9, 10, 11, 12 9, 10, 11, 12	1 YR 1 YR	EL EL	Prior study of the language and/or Spanish 1 Spanish 1
<u>Spanish 3</u>	BSHS; SHS; SSHS	9, 10, 11, 12	1 YR	EL	Prior study of the language
<u>Spanish 3/IB SL1</u>	HHS	10, 11, 12	1 YR	WL	Spanish 2
<u>Spanish 4</u>	BSHS; SHS	9, 10, 11, 12	1 YR	EL	Prior study of the language
<u>Spanish 4/IB SL2/HL1</u>	HHS	11, 12	1 YR	WL	Spanish 3/IB SL1
<u>Spanish 5</u>	BSHS; SHS	9, 10, 11, 12	1 YR	EL	Prior study of the language
<u>Spanish 5/IB HL2</u>	HHS	11, 12	1 YR	WL	Spanish 4/IB SL2.HL1
LATIN					
<u>Latin I</u>	HHS	9, 10, 11, 12	1 YR	EL	None
<u>Latin II</u>	HHS	9, 10, 11, 12	1 YR	EL	Latin I
<u>Latin 3/4 / IB Standard Level</u>	HHS	10, 11, 12	1 YR	EL	Latin II
MANDARIN CHINESE AND ARABIC					
<u>Mandarin Chinese 1</u>	BSHS; HHS; SHS	9, 10, 11, 12	1 YR	EL	None
<u>Mandarin Chinese 2</u>	BSHS; HHS; SHS	9, 10, 11, 12	1 YR	EL	Mandarin Chinese 1
<u>Arabic 1</u>	BSHS; HHS; SHS	9, 10, 11, 12	1 YR	EL	None
<u>Arabic 2</u>	BSHS; HHS; SHS	9, 10, 11, 12	1 YR	EL	Arabic 1

COURSE DESCRIPTION DIAGRAM



COURSE LEVELS	SCHOOLS
(HSA) Health Science Academy	(BSHS) Big Sky High School
(FA) Finance Academy	(HHS) Hellgate High School
(IB) International Baccalaureate	(SHS) Sentinel High School
(DMA) Digital Media Academy	(SSHS) Seeley-Swan High School

CAREER AND TECHNICAL EDUCATION (CTE)
AGRICULTURE

PLEASE NOTE - Agriculture courses are open to all students however, the courses are taught at the MCPS Agriculture Education Center (Fort Missoula) only. Agriculture courses at Seeley Swan High School are on-line courses facilitated by an on-site teacher.

INTRODUCTION TO ANIMAL & PLANT SCIENCE

ALL

Grades: 9, 10, 11

Prerequisite: None

Length: 1 year

Credit: CTE - .50 per semester

Introduction to Animal & Plant Science will introduce concepts from economics to performance of the Equine (Horse) industry and production practices with exploration of those practices of the three main species of the Northwest being cattle, sheep, and hogs. Students will look at feeds and feeding, health care, facilities, and marketing strategies. Intro to Animal Science would be an excellent class for students interested in veterinary medicine as a career choice. Offered first period.

AGRICULTURE EDUCATION 2 – ANIMAL SYSTEMS & MANAGEMENT

BSHS, HHS, SHS

Grades: 10, 11, 12

Prerequisite: Intro to Animal & Plant Science, 1 year Science, 1 year Math

Length: 1 year

Credit: CTE - .50 per semester

In this second year agriculture science course students will explore the fields of animal agriculture and veterinary science. Students will study the role of a livestock manager in the diagnosis and treatment of animal diseases, herd health, nutrition, livestock breeds and reproductive science. This class will provide a realistic preview of the tasks of a livestock producer and provide insight in other occupations in the animal agriculture field. Students will engage in research, perform a variety of dissections, process food, prepare feed rations, and, carryout real laboratory tests. This class will prepare a student for Applied Veterinary Science.

AGRICULTURE EDUCATION 2 – FOREST LAND MANAGEMENT

BSHS, HHS, SHS

Grades: 10, 11, 12

Prerequisite: Intro to Animal & Plant Science, 1 year Science, 1 year Math

Length: 1 year

Credit: CTE - .50 per semester

Students enrolled in this course will receive instruction and actual experience in the applied sciences of natural resources and forestry management. Students will explore the topics of wildlife biology, survival, aquatics, soil science, range management, forestry production, and land management. Students will discover in depth how agriculture and natural resources interact. Students will help manage how the 100 acre Ag Ed land lab and our local natural resources connect.

AGRICULTURE EDUCATION 2 - MECHANICAL SYSTEMS

BSHS, HHS, SHS

Grades: 10, 11, 12

Prerequisite: Intro to Animal & Plant Science, 1 year Science, 1 year Math

Length: 1 year

Credit: CTE - .50 per semester

This course will include instruction and actual experience in the applied sciences of mechanical systems. The topics of focus are welding, carpentry, electrical, plumbing, concrete, equipment maintenance, safe tractor driving, precision agriculture, hydraulics, and safety. Students will gain the knowledge needed to complete basic repairs around the home or farm. Problem solving skills will be fostered with interactive assignments.

AGRICULTURE EDUCATION 2 – GREENHOUSE MANAGEMENT

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Intro to Animal & Plant Science, 1 year Science, 1 year Math

Length: 1 year

Credit: CTE - .50 per semester

This class is designed for students who like hands-on projects with plants. You will learn about plant systems and growth by conducting experiments and raising a variety of plants in the greenhouse. Students will explore careers, plant structures and functions, propagation, growing media, fertilizers, lawn care, landscaping and vegetable gardening. Students will learn the art of floral design and construct holiday and floral arrangements. Students will also operate and manage the greenhouse production of flower and vegetable plants which will be marketed to the community at the end of the school year.

AGRICULTURE EDUCATION 3

BSHS; HGHS; SHS

Grades: 10, 11, 12

Prerequisite: Agriculture Education 2

Length: 1 year

Credit: CTE - .50 per semester

Students will receive classroom instruction and actual experience in the shop and on the lab farm in natural resource management and conservation, computer applications in agriculture, food science concepts, and livestock disease control. Students will also receive advanced leadership training and instruction in farm management (budgeting, decision-making, agriculture law). Advanced agriculture mechanics will be taught, which will include project work and machinery construction. The Agriculture Education Program is a 4-year program.

AGRICULTURE EDUCATION 4

BSHS; HGHS; SHS

Grades: 10, 11, 12

Prerequisite: Agriculture Education 3

Length: 1 year

Credit: CTE - .50 per semester

Students will receive classroom instruction and actual experience in the shop and on the lab farm in natural resource management and conservation, computer applications in agriculture, food science concepts, and livestock disease control. Students will also receive advanced leadership training and instruction in farm management (budgeting, decision-making, agriculture law). Advanced agriculture mechanics will be taught, which will include project work and machinery construction. The Agriculture Education Program is a 4-year program.

APPLIED VETERINARY SCIENCE

BSHS; HGHS; SSHS; SHS

Grades: 10, 11, 12

Prerequisite: 2 Years of Science, 1 Year of Math, and Intro to Animal & Plant Science

Length: 1 year

Credit: CTE - .50 per semester

Students in this advanced course explore the fields of veterinary and medical science. They study the roles of a veterinarian and veterinary technician in the diagnosis and treatment of animal diseases. This class will provide a realistic preview of both medical work and the academic rigor needed to achieve success in the profession. Students engage in research, perform a variety of dissections, carry out real laboratory tests, and conduct surgical and medical treatments on livestock. Students also perform a field externship experience. This is an applied medical science course and is therefore useful for any student pursuing a career in medicine.

NELSON ACADEMY AGRICULTURE

SSHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester

Credit: CTE - .50 per semester

All classes are offered online through Nelson Academy. Nelson Academy of Agricultural Sciences Online is dedicated to offering affordable, high quality agriculture courses to high school students interested in veterinary science, farming and ranching

CAREER AND TECHNICAL EDUCATION (CTE)

BUSINESS & MARKETING

**All courses are co-curricular with BPA (Business Professionals of America at Hellgate)
and DECA (Distributed Education Clubs of America at Big Sky and Sentinel)**

21ST CENTURY CAREER ESSENTIALS (FA)

HHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

This cutting edge curriculum integrated the theme of career and life planning into the traditional subjects of English, Math and Social Studies. Through an interdisciplinary approach grounded in real-life activities, students find the answers to the age-old question "Why is education important?" This course takes students through a process in which they gain the understanding of how life satisfaction and academic achievement are linked and how necessary it is for them to make this personal investment. Academic success lies in the ability to visualize the future and set goals aimed at achieving that vision. This course helps students develop skills to visualize their adult lives and understand the after effects of today's choices. They generate a vision for their future which includes realistic life plans.

ACCOUNTING 1

OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course ACTG101 (at BSHS & HHS-FA)

BSHS; HHS-FA; SSHS; SHS

Grades: 10, 11, 12

Prerequisite: None

Length: 1Year

Credit: CTE - .50 per semester

Knowledge of accounting is essential for those interested in pursuing business careers. 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. Textbook automated accounting will be used.

ACCOUNTING 2

BSHS; HHS-FA; SHS; SSHS

Grades: 11, 12

Prerequisite: Accounting 1

Length: 1 Year

Credit: CTE - .50 per semester

This course helps students apply the basic accounting concepts to perform advanced and "real world" accounting procedures. Emphasis is placed on corporate, managerial, and cost accounting. Departmentalized accounting is used in all applications. Further understanding of basic types of business ownership and exploring additional and expanded accounting careers are an integral component of this course. Textbook automated and QuickBooks Pro accounting programs will be used.

ACCOUNTING 3 (FA)

HHS

Grades: 11, 12

Prerequisite: Accounting 2

Length: 1 Year

Credit: CTE - .50 per semester

This course continues the development of the accounting concepts to perform advanced accounting procedures. Emphasis is placed on corporate, managerial, and cost accounting. Departmentalized accounting is reinforced, manufacturing cost accounting is introduced, and accounting systems for both partnerships and not-for-profit businesses are explored. Along with both manual and automated simulations, challenging experiences are provided through group competitions. This capstone experience will gain its foundation through an internship with a local accounting firm or business.

ADVANCED FINANCE (FA)**HHS****Grades:** 11, 12**Prerequisite:** Personal Finance**Length:** 1 Semester**Credit:** CTE - .50 per semester

Financial planning is the process of determining how and whether an individual can meet life goals through proper management of financial resources. In this course students will discover ways to maximize their earning potential, develop strategies for managing financial resources, and gain insight into the different ways of investing and protecting money and property. The Stock Market Game simulation provides students with practice in problem solving and decision-making skills while creating an investment portfolio. Educational and career choices greatly affect one's financial well-being after school; a unit on how to navigate life after high school helps students to prepare for the cost of post-secondary education and how to avoid financial hazards. This capstone experience will offer an internship with a local investment firm or an independent financial consultant.

BANKING PRACTICES (FA)**HHS****Grades:** 10, 11, 12**Prerequisite:** Personal Finance**Length:** 1 Semester**Credit:** CTE - .50 per Semester

This course is an introduction to the business of banking and its employment opportunities. Concepts about banking operations, the Federal Reserve, customer service, day-to-day bank activities, and other relevant topics are presented to provide and understanding of how banks function within society. This course will help prepare students to be competent consumers and employees as they learn more specifically how banking activities interface with one's daily life.

BUSINESS CO-OP**BSHS; HHS; SHS; SSHS****Grades:** 11, 12 (Grade 10 @ HHS)**Prerequisite:** Current enrollment in a CTE and consent of instructor**Length:** 1 semester or 1 year**Credit:** CTE - .50 per semester

CO-OP is for students who are enrolled in a CTE (Agriculture, Business, Family & Consumer Science, Health Science, Industrial Technology) class and who are employed at a job for at least 5 hours per week. The experience gained on the job is supplemented by the classroom instruction. Students are required to report their weekly hours and earnings and are evaluated by their employer each grading period. CO-OP is a program which requires the cooperation of the student, parent, employer, and the CO-OP Teacher/Coordinator. A student's enrollment in CO-OP is at the discretion of the coordinating business/marketing teacher. CO-OP does not meet as a class on a regular basis. The job becomes the class for which credit is earned.

BUSINESS INDEPENDENT STUDY**BSHS; HHS; SHS****Grades:** 11, 12**Prerequisite:** Instructor Consent and 2-3 business courses in logical sequence**Length:** 1 semester**Credit:** CTE - .50 per semester

In collaboration with the teacher and a professional mentor, students will develop a school and/or workplace-based learning activity that provides an in-depth study of at least one aspect of a selected business/industry/career. This is an advanced research project.

BUSINESS INTERNSHIP

SHS

Grades: 9, 10, 11, 12

Prerequisite: Instructor Consent

Length: 1 semester

Credit: CTE - .50 per semester

This internship program provides students a pathway between school and work. Students develop entry level skills in their chosen pathway for a specific occupation, practice career management and prepare for employment while earning credit. Business Internships offer students an opportunity to “test the waters” of a desired occupation. Business Internships can reflect a wide range of possibilities offering custom hours/schedules that can be done afterschool, during school and/or weekends.

IB BUSINESS MANAGEMENT SL

BSHS

Grades: 11, 12

Prerequisite: Marketing 1 and 2

Length: 1 semester

Credit: CTE - .50 per semester

Business Management is a rigorous, challenging and dynamic course. Business Management studies business functions, management processes and decision-making in contemporary contexts of strategic uncertainty. It examines how business decisions are influenced by factors internal and external to an organization, and how these decisions impact upon its stakeholders, both internally and externally. Business Management also explores how individuals and groups interact within an organization, how they may be successfully managed and how they can ethically optimize the use of resources in a world with increasing scarcity and concern for sustainability. Business Management develops students’ knowledge and understanding of business management theories, as well as their ability to apply a range of tools and techniques. Students learn to analyze, discuss and evaluate business activities at local, national and international levels. The course covers a range of organizations from all sectors, as well as the socio-cultural and economic contexts in which those organizations operate. Students also examine strategic decision-making and the operational business functions of human resource management, finance and accounts, marketing and operations management. The course encourages the appreciation of ethical concerns, as well as issues of corporate social responsibility (CSR), at both a local and global level.

CAREER EXPLORATIONS

SHS; SSHS

Grades: 9, 10, 11, 12

Prerequisite: Consent of Counselor

Length: 1 semester

Credit: CTE - .50 per semester

This course engages students in an interactive, technology rich learning process, helping them develop the knowledge, skills, and attitudes needed to successfully examine their own lives, explore their own lives, explore and evaluate a wide range of education and career options, and make reasoned and researched goals for their future.

COMPUTER SCIENCE A

OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE

SHS (Computer Science Pathway)

Grades: 10, 11, 12

Prerequisite: CS-Software Engineering

Length: 1 Year

Credit: CTE - .50 per semester

CSA focuses on further developing computational thinking skills through the medium of Android App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases.

COMPUTER SCIENCE PRINCIPLES

OPTION OF DUAL CREDIT WITH MISSOULA COLLEGE

SHS

Grades: 9, 10, 11, 12

Prerequisite: Algebra 1 or PLTW Intro to Computer Science

Length: 1 Year

Credit: CTE - .50 per semester

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSP helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

COMPUTER SCIENCE: JAVA – PROGRAMMING 1 - INTRODUCTION

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: PLTW-CSE Computer Science & Software Engineering

Length: 1 Year

Credit: EL - .50 per semester

OPEN TO STUDENTS FROM BIG SKY, HELLGATE, AND SENTINEL BUT TAUGHT ONLY AT SENTINEL 1ST AND 2ND PERIODS TO ACCOMMODATE STUDENTS TRAVELING FROM OTHER SCHOOLS. Computer Science – JAVA is a second year of studying Computer Science and will cover Agile Development Principles using Scrum. Students will develop programs using multiple variable types, conditional statements, loops, methods, objects, and will use predefined classes as well as write and use their own. The course will then cover JAVA capabilities in graphics, graphical user interfaces, exception handling, recursion, and file input/output. A student finishing the course will have the foundation to take the AP Computer Science test and/or test to receive articulated credit for CS 135 in the Montana University System. (As more CS courses are developed by Project Lead the Way we will evaluate implementing them in the MCPS curriculum.)

COMPUTER PROGRAMMING: JAVA PROGRAMMING 2 – DATA STRUCTURES

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Computer Science 2

Length: 1 Year

Credit: EL - .50 per semester

OPEN TO STUDENTS FROM BIG SKY, HELLGATE, AND SENTINEL BUT TAUGHT ONLY AT SENTINEL 1ST AND 2ND PERIODS TO ACCOMMODATE STUDENTS TRAVELING FROM OTHER SCHOOLS. Computer Science – JAVA Data Structures is a third year course in Computer Science. Students in Computer Science – JAVA Data Structures will study, design, and implement programs using data structures to include lists, queues, stacks, sets, maps, and binary/AVL trees. They will be introduced to sorting and efficiency studies of algorithms, using hashing, graphs and applications, multithreading/parallel programming, networking, and JAVA Database programming. (As Project Lead the Way develops more CS courses MCPS will look at implementing them.)

COMPUTER SCIENCE AND SOFTWARE ENGINEERING

BSHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: CTE - .50 per semester

Computer Science & Software Engineering is designed to introduce students to the topics of Computer Science. The course covers computer literacy topics, drag and drop programming in Scratch and MIT App Inventor then introduces writing code in Python. These three languages introduce use of variable types, conditions, loops, lists, and graphical user interfaces topics. The course proceeds on the web pages HTML, CSS, secure protocols, working with database/SQL, career exploration, cyber security/encryption, visualizing data, discovering knowledge from data, data modeling, and introducing intelligent agents.

DIGITAL AUDIO PRODUCTION (DMA)

SHS

Grades: 10, 11, 12

Prerequisite: Recommend: Digital Media 1

Length: 1 Semester

Credit: CTE - .50 per semester

This course will utilize technology to understand, create, edit and record music and audio. Students will be exposed to engineering and recording and will gain exposure to music software, notation programs, sequencing, marketing and copywriting. Online programs will aid in the students' understanding of all basic proficiencies.

DIGITAL MEDIA 1

HHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: Recommended Technology Tools

Length: 1 semester

Credit: CTE - .50 per semester

Students will evaluate and analyze the impact of emerging digital technologies on their everyday lives. Students will also learn Web 2.0 tools to introduce themselves in the digital age by creating media content. Students will explore a variety of online resources, like Google Apps, to be more productive in a variety of graphic, video, audio, and web applications.

DIGITAL MEDIA 2

OPTION OF DUAL CREDIT with UNIVERSITY OF MONTANA course MART102

SHS

Grades: 9, 10, 11, 12

Prerequisite: Digital Media 1

Length: 1 semester

Credit: CTE - .50 per semester

An introduction to the relationship between aesthetics and the emerging capacities of digital technology. The course will explore the basic evolution of hardware, system software, and the internet and will present a history of pioneers of both traditional and digital art. It will also look at contemporary and emerging trends in the artistic application of digital technology. This course includes exploring Web 2.0 tools to check for understanding. Option for DUAL CREDIT with the University of Montana course Digital Technology in the Arts, MART102

FILM 1: INTRODUCTION TO MEDIA ARTS

OPTION OF DUAL CREDIT with course MAR101L

HHS

Grade: 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Learn to make films in Premiere Pro while learning to understand and critique narrative film. The course will provide a brief overview of the media arts and their interaction integration and development in the creation of story.

FILM 2: DIGITAL MEDIA IN THE ARTS

OPTION OF DUAL CREDIT with course MAR112

HHS

Grade: 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Continue to learn about filmmaking in Premiere Pro and After Effects. Students will watch and analyze movies, create videos and become a more critical viewer of today's films. The course will explore the basic evolution of hardware, system software, and the internet and will present a brief history of the pioneers of both traditional and digital art. It will also look at contemporary and emerging trends in the artistic application of digital technology.

FILM EDITING 1

OPTION OF DUAL CREDIT with UNIVERSITY of MONTANA course Introduction to Nonlinear Editing MART112A

SHS

Grades: 9, 10, 11, 12

Co-requisite: Recommended: TV1 or The Study of Film 1 & 2 or Technology Tools or Digital Media

Length: 1 semester

Credit: CTE - .50 per semester

This course includes the study of the history, process and philosophy of narrative film. Students will study, edit and create films. Student will use the industry standard non-linear video editing program, Adobe Premiere Pro. (Note: In order to receive dual credit students must take both Film Edition 1 and Film Editing 2)

FILM EDITING 2

OPTION OF DUAL CREDIT with UNIVERSITY of MONTANA course Introduction to Nonlinear Editing MART112A

SHS

Grades: 9, 10, 11, 12

Prerequisite: Film Editing 1 with a grade "C" or better

Length: 1 semester

Credit: CTE - .50 per semester

This course will continue with the additional aspects of the history, process and philosophy of narrative film. Student will continue to study, edit and create films. Student will expand their knowledge and use of the industry standard non-linear video editing program, Premiere Pro. (Note: In order to receive dual credit students must take both Film Edition 1 and Film Editing 2)

FILM STUDY 1

OPTION OF DUAL CREDIT with UNIVERSITY of MONTANA course Introduction to Media Arts MART101L

SHS

Grade: 9, 10, 11, 12

Prerequisite: None. Recommended: Graphic Design 1 & 2

Length: 1 semester

Credit: CTE - .50 per semester

Overview of the media arts and their interaction, integration and development in the creation of story, beginning with early years of photography and movie making through the introduction of radio and television up to the digital revolution. This course includes analyzing and creating films. Optional Dual Credit with the University of Montana, Introduction to Media Arts MART101L (Note: In order to receive dual credit students must take both *Film 1: The Study of Film* and *Film 2: The study of Film*)

FILM STUDY 2

OPTION OF DUAL CREDIT with UNIVERSITY of MONTANA course Introduction to Media Arts MART101L

SHS

Grade: 9, 10, 11, 12

Prerequisite: Film Study 1 with a grade of "C" or better

Length: 1 semester

Credit: CTE - .50 per semester

This course will continue with an overview of the media arts and their interaction, integration and development in the creation of story, beginning with early years of photography and movie making through the introduction of radio and television up to the digital revolution. This course includes a continuation of analyzation and the creation of films. Optional Dual Credit with the University of Montana, Introduction to Media Arts MART101L (Note: In order to receive dual credit students must take both *Film 1: The Study of Film* and *Film 2: The study of Film*)

IB FILM STANDARD LEVEL/HIGHER LEVEL

HHS

Grade: 11, 12

Prerequisite: Digital Film 1, Digital Media or Graphic Design 1

Length: 1 Year

Credit: CTE - .50 per semester

This film course aims to develop in students the skills necessary to achieve creative critical independence in their knowledge, experience, and enjoyment of film. Students taking IB Film Standard Level/Higher Level will gain an appreciation and understanding of film as a complex art form, formulate stories and ideas in film terms, learn and use the practical and technical skills of film production, critically evaluate film productions by the student and by others, and acquire knowledge of filmmaking traditions in more than one country. Students must take this course as a prerequisite to IB Film SL, or HL Year 2. Students will designate their Higher Level or Standard Level status during the second year of the course.

IB FILM STANDARD LEVEL YR 2

HHS

Grade: 11, 12

Prerequisite: Digital Film 1, Digital Media or Graphic Design 1

Length: 1 Year

Credit: CTE - .50 per semester

In the second year of the Standard Level Course, students will continue work with film knowledge, experience, and enjoyment. Students will also continue to explore and analyze films from different countries. In addition to gaining an appreciation and understanding of film as a complex art form, and learning practical and technical skills of film analysis and production, students electing to take the course for IB credit will complete the Internal Assessment and External Assessment required by the International Baccalaureate as assessment for this course.

JOY AND BEAUTY OF COMPUTING

OPTION OF DUAL CREDIT WITH MISSOULA COLLEGE

SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 semester

Credit: CTE - .50 per semester

The Joy and Beauty of Computing will present students with an overview of the world of computing, as well as a gentle introduction to computational thinking using the Python programming language. Students will learn the fundamentals of computational thinking and how computer scientists can impact the world.

GRAPHIC DESIGN 1

BSHS; HHS; SHS; SSHS

Grades: 9, 10, 11, 12

Prerequisite: BSHS, HHS, SSHS – Type 30 WPM and Technology Tools; SHS-None

Length: 1 semester

Credit: BSHS, HHS, SHS: CTE - .50 per semester

BSHS; HHS; SSHS: Learn to use Adobe Photoshop, Illustrator, and InDesign to create amazing designs. Some of the projects you may be creating include movie posters, t-shirt designs, magazine covers, illustrations, advertisements, and CD labels to name just a few. This project-based class is fun and hands-on.

SHS: Students will learn the elements and principles of design and complete projects using industry standard software such as Adobe Illustrator. Students will develop a sense of composition and ability to critique his/her own work. An introduction to Adobe Photoshop will also be explored.

GRAPHIC DESIGN 2

SHS: OPTION OF DUAL CREDIT with the University of Montana Integrate Digital Arts, MART111A

BSHS; HHS; SHS; SSHS

Grades: 9, 10, 11, 12

Prerequisite: Graphic Design 1

Length: 1 semester

Credit: BSHS, HHS, SHS: CTE - .50 per semester

BSHS; HHS; SSHS: Continue more in-depth learning with digital programs such as Adobe Photoshop, Illustrator, and InDesign to create authentic projects that will be used by businesses and/or the community. Projects will focus on real world applications. Create book covers, CD-labels/covers, graphic novels, and many other real-world projects. This is another project-based, hands-on class.

SHS: This course is a project oriented digital editing and design course that focuses on artistic expression and its relationship to digital technology. Using the industry standard program Adobe Photoshop, students will create visual work in both the still image and time based medium.

3D DESIGN & ANIMATION (DMA)

SHS

Grades: 10, 11, 12

Prerequisite: Graphic Design1

Length: 1 Year

Credit: CTE - .50 per semester

3D Design & Animation is oriented for future animators, film producers, and game designers. Students explore all facets of what it takes to get 3D models moving across the screen. They discover for themselves how technology can take a project from concept to a completed digital story and how the explosive growth of digital media has created global demand for designers and animators.

GRAPHIC DESIGN 3

OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course Digital Publishing & Design, MAR214A

SHS

Grades: 10, 11, 12

Prerequisite: Graphic Design 1 or Tech Tools or Digital Media or Consent of Instructor

Length: 1 Semester

Credit: CTE - .50 per semester

This course provides students with a comprehensive foundation of layout and design principles to integrate digital media essential for effective print-based and web-based business publications. Students learn how to use industry standard software such as Adobe InDesign. (Note: Must have passed the Technology Tools CAPP120 exam for dual credit option.)

GRAPHIC DESIGN STUDIO

HHS

Grades: 11, 12

Prerequisite: Photography, Graphic Design 1 & 2

Length: 1 semester

Credit: CTE - .50 per semester

Special projects course to investigate in-depth graphic projects and media research often in a team situation. The student will be responsible for working at advanced and maximum levels throughout the progression of the course. Some of the projects and activities are designed around the creation of a student portfolio and students may work with clients within the community.

INTRODUCTION TO BUSINESS

OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course BGEN105S

BSHS; HHS-FA; SHS

Grades: 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE

An introduction to the world of business. This course includes business systems, capitalism, and other economic environments. Intro to business examines the types of business organizations, management, marketing, production, labor, financing, and business/governmental regulations. Focus is on the entrepreneurial business person and global competition. (At SHS this course is offered during Marketing 3 & 4)

INTRO TO BUSINESS ECONOMICS

HHS-FA

Grades: 10, 11, 12

Prerequisite: Personal Finance

Length: 1 Semester

Credit: CTE

This course blends economics curriculum with personal finance to encourage the student to develop a free market way of thinking. Basic economic theories are introduced using practical applications to integrate personal finance concepts. Cumulatively this course's units are on a new approach to learning economics while strengthening understanding of global trade, government structures, business organizations, and financial institutions.

INTRODUCTION TO NON-LINEAR EDITING MAR 112A (DMA)

OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course MAR112A

SHS

Grades: 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Study of the history, process and philosophy of narrative film/video editing and an introduction to Premier Pro non-linear editing software.

INTRODUCTION TO PHOTOGRAPHY

HHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Introduction to Photography exposes students to the tools, materials and processes involved with photography and printing. Students explore photographic theory, technical issues, applications, practice and history. Additional topics may include use of camera, composition and computer-aided printing.

INTRODUCTION TO RADIO/AUDIO STORYTELLING JRNL140A (DMA)

OPTION OF DUAL CREDIT with UM-Missoula College Course JRNL140A

SHS

Grades: 11, 12

Prerequisite: Consent of Instructor; Recommended: Film Editing 1 & 2

Length: 1 Semester

Credit: CTE - .50 per semester.

This course will provide an introduction to the basic concepts of audio as a communication medium. Students will receive practical experience and basic knowledge of audio production, including the principles of sound, announcing scriptwriting, microphone technique, board operation, storytelling, program production, leadership and organization. Students are encouraged and expected to incorporate their own creative and aesthetic ideas with the parameters of various audio segments and programs.

MARKETING 1: INTRODUCTION TO BUSINESS, ECONOMICS, AND FINANCE

BSHS; SHS; SSHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Marketing 1 introduces students to job-seeking skills and the world of work. After a brief overview of the Marketing Education Program, students engage in a number of self-awareness activities relating to interests, aptitudes, abilities, values, and personalities. They acquire skills needed in business finance and investments.

MARKETING 2: MARKETING, MANAGEMENT, & LEADERSHIP

BSHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: Marketing 1

Length: 1 Semester

Credit: CTE - .50 per semester

Marketing 2 acquaints students with our free enterprise system and basic marketing concepts such as channels of distribution, target markets, and market segmentation. Human relations and communications instruction includes verbal and non-verbal communication in relation to customers, workers, and employers. A salesmanship unit provides insight into the buying process, customer buying motives, and sales techniques. Students participate in sales demonstrations and group projects in marketing research which involve questionnaire development, surveying, tabulating data, and formulating results.

MARKETING 3: ENTREPRENEURSHIP

(OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course BGEN105S and Marketing 4)

BSHS; SHS

Grades: 10, 11, 12

Prerequisite: Marketing 2

Length: 1 Semester

Credit: CTE - .50 per semester

Marketing 3 focuses on entrepreneurship—the start-up and operation of one’s own business. Students will analyze themselves, the trade area, and the market, and will make decisions on a business location, product/service mix, how to organize the business, personnel, and marketing strategy. Students will learn about business finance, determining start-up costs, and estimating income for a new business. Numerous speakers and community resource people are utilized (business owners, realtors, government officials, attorneys, bankers, accountants, etc.).

MARKETING 4: GLOBAL BUSINESS ISSUES

OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course BGEN105S and Marketing 3

BSHS; SHS

Grades: 10, 11, 12

Prerequisite: Marketing 3

Length: 1 Semester

Credit: CTE - .50 per semester

Marketing 4 focuses on business management, finance and investments, advanced marketing, and other business topics.

MARKETING 5: CAREER SPECIALTIES 1 ORGANIZATION, LEADERSHIP, & MANAGEMENT

SHS

Grades: 10, 11, 12

Prerequisite: Consent of Instructor

Length: 1 Semester

Credit: CTE - .50 per semester

Marketing 5 explores career clusters and pathways using management higher-level performance indicators. This course offers students an opportunity to apply and extend classroom training in an area of their interest. Examples include store management, business plans, business research, and individual/team projects.

MARKETING 6: CAREER SPECIALTIES 2 - ORGANIZATION, LEADERSHIP & MANAGEMENT

SHS

Grades: 10, 11, 12

Prerequisite: Consent of Instructor

Length: 1 Semester

Credit: CTE - .50 per semester

Marketing 6 continues the exploration of career clusters and pathways unique to students' individual interests. Students apply and extend their classroom training in a business area of their choice.

NETWORKING

OPTION OF DUAL CREDIT WITH MISSOULA COLLEGE

SHS

Grades: 10, 11, 12

Prerequisite: Computer Science Principles

Length: 1 Year

Credit: CTE - .50 per semester

In Networking, students will explore networks fundamentals, core functionality of the Juniper Networks Junos OS. Junos configuration basics, operation monitoring and maintenance, routing fundamentals, and routing policy and firewall filters. Upon completion, students will have the opportunity to earn a Juniper Networks certification. Additional content for this course will include IT topics including server management and administration.

NEWSPAPER/DIGITAL PRINT PUBLISHING

SHS

Grades: 10, 11, 12

Prerequisite: Photography, Graphic Design 1 & 2

Length: 1 Year

Credit: CTE - .50 per semester

Students develop their skills in the electronic procedures of producing/editing publications. Through the use of digital Print publishing software (mainly Adobe Photoshop and Adobe InDesign), students will design, edit/revise, format, create, illustrate and print various publications. In addition to creating their own creative work, students will write, produce and publish the Konah newspaper, the Sentinel community newspaper once each month. Students can serve as editor, co-editor, layout designer, reporters and photographers. Integrating team leadership activities and newspaper job titles are part of the school newspaper project. Improved productivity of electronically produced projects including posters, flyers, brochures, reports, advertising materials and other publications are produced as needed.

PERSONAL FINANCE

BSHS; HHS-FA; SSHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Students learn how to navigate the financial decisions they must make and how to make informed decisions related to managing finances and budgeting, saving and investing, living independently, earning and reporting income, buying goods and services, using credit, banking and protecting against risk, and funding future educational opportunities.

PHOTOGRAPHY 1

SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

This course will cover the fundamentals of photography. It will include how cameras work, how composition works, and how lighting works. Students will receive basic instruction, demonstrations and desired outcomes. Assignments will include taking photos at various settings and explore what makes a good photo. Students will also use photo editing software to improve the overall appearance of their images.

PHOTOGRAPHY 2

SHS

Grades: 9, 10, 11, 12

Prerequisite: Photography 1

Length: 1 Semester

Credit: CTE - .50 per semester

Students will take their skills even further while exploring various specialties of photography such as macro, landscape and portrait. This course will teach students how to seem more creatively to create a great composition. Students will learn the difference between taking a picture and actually designing a great image. Group critiques will further students growth by offering the opportunity to give and receive feedback. Students will spend time in the Library and Develop modules of Adobe Lightroom and learn to make exposure adjustments, crop, convert to black and white, remove spots and more.

QUICKBOOKS

BSHS; HHS

Grades: 11, 12

Prerequisite: Accounting 1 with a grade of "C" or better

Length: 1 Year

Credit: CTE - .50 per semester

This class teaches maintaining business records by creating a company, recording transactions, preparing and analyzing financial reports, compiling charts and graphs, preparing payroll and closing an accounting period. This will be accomplished by using one of the fastest growing accounting software packages for small and medium-sized business enterprises.

SPARTAN AMBASSADOR

BSHS

Grades: 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: CTE - .25 per semester

Spartan Ambassador is a leadership Program that offers .25 credit per semester for mentoring and supporting our new students and freshmen. All Ambassadors are required to attend two training days in August and attend the full day of Orientation in August as well as events throughout the year such as Freshmen BBQ, Freshmen Play Night, Spartan Boot Camp and many more. Spartan Ambassadors will also facilitate lessons in 9th grade homerooms twice monthly. Ambassadors go the extra mile to make Freshmen and new students feel welcome and connected.

STREET LAW

BSHS; HHS; SSHS

Grades: 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

This class emphasizes practical law and provides opportunities for students to become educated in the American legal system. Students learn basic legal principles to apply as a citizen, consumer and employee. Study includes the structure and history of the legal system (criminal & civil), laws applying to minors, contract law, consumer law, employment law, property and landlord/tenant law, insurance law, credit law, tort law, and white collar crimes relating to computers. Knowledge gained from speakers, field trips, and community resources offers a valuable introduction to the laws that shape our personal and professional lives.

SENTINEL DESIGN LAB (DMA)

SHS

Grades: 10, 11, 12

Prerequisite: Consent of Instructor & Graphic Design 1

Length: 1 Semester

Credit: CTE - .50 per semester

This course provides students with authentic, real-world experience in running a design business in the areas of print, web and graphics. Students create designs for the community and take Adobe certification exams in their area of interest including Adobe Photoshop, Adobe Illustrator and Adobe InDesign. Students build an e-portfolio of their work.

SPARTAN AMBASSADOR

SHS

Grades: 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: CTE - .25 per semester

Spartan Ambassador is a Leadership Program that offers .25 credit per semester for mentoring and supporting our new students and freshmen. All Ambassadors are required to attend two training days in August and attend the full day of Orientation in August as well as events throughout the year such as Freshmen BBQ, Freshmen Play Night, Spartan Boot Camp and many more. Spartan Ambassadors will also facilitate lessons in 9th grade homerooms twice monthly. Ambassadors go the extra mile to make Freshmen and new students feel welcome and connected.

SPARTAN LIVE

SHS

Grades: 10, 11, 12

Prerequisite or Co-Requisite: Film Editing class and/or Broadcast Class and/or Consent of Instructor

Length: 1 Semester

Credit: CTE - .50 per semester

Spartan Live is for students who are enrolled or who have been enrolled (with a grade of "C" or better) in a Film Editing 1 or TV 1 class. Spartan Live provides students a pathway between school and work. Students gain real-world training and experience in live streaming events. Students learn the soft skills necessary to be successful in any job. Spartan Live offers students an opportunity to "test the waters" of a field that has grown exponentially over the past few years. Students need to be able to live stream events outside of the school day.

TECHNOLOGY TOOLS

SHS: OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course Introduction to Computers CAPP120

HHS; SSHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: HHS, SSHS Recommended 30 WPM; SHS None

Length: 1 Semester

Credit: CTE - .50 per semester

HHS, SSHS: Technology Tools students learn basic operation and function of the computer, to select appropriate software for various applications, and become aware of the fast-changing world of business and information technology. Students select and use word processing, desktop publishing, database, spreadsheet, presentation, graphics, multimedia, Internet and imaging software. This is a hands-on lab class.

SHS: This course includes an introduction to computer terminology, hardware, and software including wire/wireless communications and multimedia devices. Students utilize word processing, spreadsheet, database, and presentation applications to create projects common to business and industry in a networked computing environment. Internet research, email usage and keyboarding proficiency are integrated.

TV1: INTRO TO BROADCASTING (DMA)

SHS

Grades: 9, 10, 11, 12

Prerequisite: Recommend: Digital Film 1 & 2

Length: 1 Semester

Credit: CTE - .50 per semester

This laboratory class is an introduction to writing and video production for school television programming. Students will learn the vocational aspects of running a television station, discuss the media, and read literature related to television media. Students will produce short news packages for Spartan TV, and audio podcasts for the student website, The Root, as their semester projects. This class is a prerequisite to Spartan TV.

TV2: ADVANCED BROADCASTING (DMA)

SHS

Grades: 10, 11, 12

Prerequisite: TV1: Intro to Broadcasting; Recommend: Digital Film 1 & 2

Length: 1 Year

Credit: CTE - .50 per semester

This class consists of audio/video news reporting packages for PBS NewsHour Student Reporting Labs and includes writing, editing, interviewing, news gathering, and editing of broadcast news stories. Students will receive intensive instruction and practice in reporting, writing producing, directing and delivering television newscasts. Students will produce both a 10 and 20 minute news documentary as a capstone project for a national audience. This class is a prerequisite to Spartan TV.

TV2: SPARTAN TV (DMA)

SHS

Grades: 11, 12

Prerequisite: TV1: Intro to Broadcasting; TV2: Advanced Broadcasting; Recommend: Digital Film 1 & 2

Length: 1 Year

Credit: CTE - .50 per semester

Students will produce the weekly TV announcements. Students will make news packages; write scripts, reports “in the field” and on air. The TV program airs every Thursday during Homeroom and students are responsible for all aspects of production, from storyboarding to finished product. Students must have completed TV1 & TV2 with a grade of “B” or better, and have consent of instructor. Class is limited to 18 students.

WEB DESIGN

SHS: OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course INTERACTIVE WEB II, MART232

BSHS; HHS; SHS; SSHS

Grades: BSHS, HHS, SSHS 10, 11, 12; SHS 9, 10, 11, 12

Prerequisite: BSHS, HHS, SSHS Digital Media; SHS Graphic Design 1 or Tech Tools or Digital Media or Consent of Instructor

Length: 1 Semester

Credit: CTE - .50 per semester

BSHS; HHS; SSHS: Learn how to create websites using Web 2.0 tools, computer coding, and industry standard software such as Dreamweaver. Create Flash animations and image optimization with Photoshop for your website. This project-based class is fun and hands-on.

SHS: This course provides students with the background and foundation skills required for designing and implementing Websites for public and private organizations. Marketing and design techniques will be applied using state-of-the-art, industry standards software, Adobe Dreamweaver. Must have passed the Technology Tolls CAPP120 exam for dual credit option)

YEARBOOK (DMA)

SHS; SSHS

Grades: 10, 11, 12

Prerequisite: Consent of Instructor: Recommend: Photography, Graphic Design 1 & 2

Length: 1 Year

Credit: CTE - .50 per semester

This is a laboratory class that produces the school yearbook. Students will learn vocational aspects of running a publication, including but not limited to photography, layout & design, and advertising & marketing. Students will be responsible for producing the book of record for the school for that year.

**CAREER AND TECHNICAL EDUCATION (CTE)
FAMILY & CONSUMER SCIENCE**

CULINARY ARTS 1

BSHS; HHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Culinary Arts 1 is the first of a sequential pathway that provides students with a firm foundation in basic food preparation. This will include quick breads, egg preparation, dairy products, meats, basic desserts, diet, and nutrition. Industry safety and sanitation standards are stressed with all food labs. Students will be exposed to the latest in food industry technology. This class is lab-based; however, it does include demonstrations, field trips, and speakers. This is part of a career pathway for Hospitality/Tourism, health, nutrition, and food-related careers. This inquiry course is designed to be interactive, student-centered, collaborative, cooperative, and relevant.

CULINARY ARTS 2

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Successful completion of Culinary Arts 1 or Nutrition & Wellness with a grade of “C” or higher; and/or consent of instructor

Length: 1 Semester

Credit: CTE - .50 per semester

Culinary Arts 2 is the second of a sequential pathway that focuses on a wide variety of topics. These might include appetizers, garnishes, soups, salads, cake decorating, pastry crusts, and meal planning. Industry safety and sanitation standards are stressed with all food labs. Students will be exposed to the latest in food industry technology. This class is lab-based; however, it does include demonstrations, field trips, and speakers. This is part of a career pathway for Hospitality/Tourism, health, nutrition, and food-related careers. This inquiry course is designed to be interactive, student-centered, collaborative, cooperative, and relevant.

CULINARY ARTS 3

OPTION OF DUAL CREDIT at UM Missoula College course CULA105

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Successful completion of Culinary Arts 2 with a grade of “C” or higher; and/or consent of instructor

Length: 1 Semester

Credit: CTE - .50 per semester

Culinary Arts 3 is a class for students who wish to pursue a career in the Culinary Industry. This course gives hands-on experiences of running a small scale catering operation. Students learn how to design and cost a menu as well as prepare, market, and serve food in a variety of venues. All students will have the opportunity to earn a Managers’ ServSafe Certification, a “gold standard” in the Culinary Industry. At Hellgate, this course is a two-hour block.

EARLY CHILDHOOD EDUCATION 1

HHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Early Childhood Education 1 brings family, child development and parenting concepts alive for students. Students learn that parenting and child care skills depend on knowledge of child growth and development. Students may extend their knowledge beyond the high school setting by observing children at childcare and preschool facilities.

EARLY CHILDHOOD EDUCATION 2

HHS; SHS

Grades: 10, 11, 12

Prerequisite: Successful completion of Early Childhood Education 1 with a grade of “C” or higher and/or consent of instructor

Length: 1 Semester

Credit: CTE - .50 per semester

The primary focus of this course is hands-on, providing off-site early child development experiences. Early Childhood Education 2 prepares individuals for careers related to early childhood education. Experiences include: program planning and management, resource and facility management, supervising recreational and play activities, preparing and implementing a large variety of learning experiences for children, the application of individual teaching skills, and preparation for a career and/or entrepreneurial opportunities.

FACS INDEPENDENT STUDY

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Consent of Instructor and 2 to 3 courses in logical sequence

Length: 1 Semester

Credit: CTE - .50 per semester

In collaboration with the teacher and a professional mentor, students will develop a school and/or workplace-based learning activity that provide an in-depth study of at least one aspect of a selected business/industry/career. This is an advanced research project.

HOUSING & LIVING ENVIRONMENTS

HHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Housing and Living Environments introduces students to basic architectural design of interior and exterior living spaces within the home and work environments. Students study the elements and principles of design and explore current and future trends in architectural design that affect housing decisions. Technology aids students in design planning as well as addressing new, innovative technological advances in the areas of textiles and furnishings. In addition, various careers in the industry are emphasized.

NUTRITION AND WELLNESS

HHS

Grades: 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Nutrition and Wellness is an in-depth study of the nutrients our body needs and how we can best provide those nutrients for optimal health and wellness. The course looks at government regulations regarding the safety of our food supply as well as technology in food production such as genetic modification. Students apply what they learn about nutrition in food labs and create dishes to meet the dietary requirements from the lecture portion of the class. Students also explore various modalities of personal wellness such as self-reflection, journaling, group play, and yoga.

PREP FOR LIFE**BSHS; HHS**

Grades: HHS 11, 12; BSHS, SHS 12

Prerequisite: None

Length: 1 Semester @ BSHS; 1 Year at HHS; SHS

Credit: CTE - .50 per semester

In this course, students will gain knowledge of personal and community resources, family finances, and career skills. Prep for Life will meet the 21st century needs and wants of individuals and families throughout the family life cycle, considering a broad range of economic, social, cultural, technological, environmental, and leadership factors. Students will engage in a variety of learning experiences, including hands-on applications, speakers, field trips, projects, daily assignments, and assessments.

TEXTILES & APPAREL 1**HHS; SHS**

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Textiles & Apparel 1 introduces students to clothing, fashion, and basic clothing construction concepts and techniques. Students will learn basic sewing skills with application to creative sewing projects. Basic use of a sewing machine, serger, basic hand sewing skills, pattern selection, pattern layout, and measuring skills will be an integral part of the course. Teaching strategies will include demonstrations, field trips and guest speakers as well as decision making and problem solving skills. Technology will aid the students in determining measurements, fabric requirements, and design elements.

TEXTILES & APPAREL 2**HHS; SHS**

Grades: 9, 10, 11, 12

Prerequisite: Textiles & Apparel 1

Length: 1 Semester

Credit: CTE - .50 per semester

Textiles & Apparel 2 advances student knowledge of sewing construction, fashion, art and design, fabrics, and the work place. Students may incorporate aspects of this class into a community service project. Teaching strategies will include demonstrations, guest speakers, field trips, as well as decision making and problem solving skills. Technology will aid students in designing clothes, developing individual projects, and career development.

CAREER AND TECHNICAL EDUCATION (CTE)
HEALTH SCIENCE ACADEMY

HEALTH SCIENCE 1 (HAS at BSHS)

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Health Enhancement 1

Length: 1 Semester

Credit: CTE - .50 per semester

Health Science 1 exposes students to a variety of opportunities available within the health care industry (i.e., nursing, therapy, dental care, administrative services, and lab technology). This introductory course provides experiences in several of these career pathways along with information and knowledge related to the health care industry as a whole.

HEALTH SCIENCE 2 (HSA at BSHS)

BSHS; HHS; SHS

Grades: 11, 12

Prerequisite: Health Science 1

Length: 1 Semester

Credit: CTE - .50 per semester

Health Science 2 exposes students to a variety of additional opportunities available within the health care industry (i.e., nursing, therapy, dental care, administrative services, and lab technology). Emphasis will be placed on developing connection between students and the health care community.

HEALTH SCIENCE 3 (HSA at BSHS)

BSHS; HHS; SHS

Grades: 11, 12

Prerequisite: Health Science 2

Length: 1 Semester

Credit: CTE - .50 per semester

Health Science 3 is designed to integrate the skills and knowledge acquired in Health Science 1 and 2 and apply them in real-life health care settings. Students participate in hands-on opportunities to connect them to the medical community. Job shadows will be available throughout the semester.

PRINCIPLES OF BIOMEDICAL SCIENCES (HSA)

BSHS

Grades: 9, 10

Prerequisite: Must be enrolled in the Health Science Academy

Length: 1 Semester

Credit: CTE - .50 per semester

Principles of Biomedical Sciences students will investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of and lays the scientific foundation for all subsequent courses in the Biomedical Sciences program.

HUMAN BODY SYSTEMS (HSA)

BSHS

Grades: 10

Prerequisite: Principles of Biomedical Sciences; Must be enrolled in the Health Science Academy

Length: 1 Year

Credit: CTE - .50 per semester

Students examine the interactions of body systems as they explore identity, communication, power movement, protection, and homeostasis. Students design experiments, investigate structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflect and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real-world cases, and play the role of biomedical professionals to solve medical mysteries.

Medical Interventions (HSA)**BSHS****Grades:** 10**Prerequisite:** Principles of Biomedical Sciences; Human Body Systems; Must be enrolled in the Health Science Academy**Length:** 1 Year**Credit:** CTE - .50 per semester

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics.

BIOMEDICAL INNOVATIONS (HSA)**BSHS****Grades:** 12**Prerequisite:** Principles of Biomedical Sciences; Human Body Systems; Medical Interventions; Must be enrolled in the Health Science Academy**Length:** 1 Year**Credit:** CTE - .50 per semester

In the final course of the Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisory from a university, medical facility, or research institution.

**CAREER AND TECHNICAL EDUCATION (CTE)
INDUSTRIAL TECHNOLOGY**

3D MODELING & ANIMATION

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: BSHS & SHS – Intro to Tech Design (VT0200) or Intro to Art (AR1000); HHS Intro to Tech Design (VT0200)

Length: 1 Year

Credit: CTE - .50 per semester

3D Modeling & Animation is oriented for future animators, film producers, and game designers. Students explore all facets of what it takes to get 3D models moving across the screen. They discover for themselves how technology can take a project from concept to a completed digital story.

APPLIED TECHNOLOGY 1

BSHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

This is a fun, challenging, hands-on class instructing students on the basics of structures, mechanical systems, electrical systems, aerodynamics, and computer aided manufacturing. For those who enjoy problem solving or who are interested in the field of engineering, this is an excellent course. Students work with tools and equipment to create bridges, towers, electric motors, rockets, Lego vehicles, games, and more.

APPLIED TECHNOLOGY 2: CNC MACHINING

SHS

Grades: 10, 11, 12

Prerequisite: Applied Technology 1

Length: 1 Year

Credit: CTE - .50 per semester

Applied Technology 2 builds upon concepts learned in the introductory level course, Applied Technology 1. The focus is to learn the fundamentals of Computer Numeric Control (CNC) Machining. Students will learn how to design a part with the use of computer aided design and machining (CAD/CAM) software. Once parts are designed, they are machined using computer controlled milling machines and lathes. Hands-on problem-solving and crucial thinking activities will be an integral component of this course.

APPLIED TECHNOLOGY 2: ROBOTICS

SHS

Grades: 10, 11, 12

Prerequisite: Applied Technology 1

Length: 1 Year

Credit: CTE - .50 per semester

Applied Technology 2 builds upon those concepts learned in the introductory level course, Applied Technology 1. The focus is to learn the fundamentals of robotics. Students will learn what makes robots work, and why they are so widely used in all kinds of seemingly unrelated areas. Robots are designed to accomplish a complex task such as reacting to light, motion, color, sound, following a line, or anything else the mind can imagine. Hands-on problem-solving and crucial thinking activities will be an integral component of this course. Some of these activities will include creating a robotic arm, radio controlled "battlebots," small programmable robots, and a variety of smaller projects involving basic fabrication skills.

APPLIED TECHNOLOGY 2: ENGINEERING CHALLENGES

SHS

Grades: 10, 11, 12

Prerequisite: Applied Technology 1

Length: 1 Year

Credit: CTE - .50 per semester

Applied Technology 2 builds upon those concepts learned in the introductory level course, Applied Technology 1. The focus is to learn the fundamentals of engineering. Students will learn structural systems, mechanical systems, electrical systems, alternative energy sources, and aerodynamics. Students will work on projects such as catapults, cranes, airplanes, rockets, magnetic levitation vehicles, electrical circuits, and solar-powered vehicles. Hands-on problem-solving and crucial thinking activities will be an integral component of this course.

ENGINEERING FOUNDATIONS

HHS

Grades: 9, 10,

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

This introductory course will expose students to the world of engineering through a series of in-depth projects. These projects will be designed and tested in both virtual and real-world environments. This course will also cover cutting edge tools and modeling techniques like 3D scanning and 3D printing. In addition, students will examine the various career options in the engineering field and begin planning a course of study to pursue those careers.

INTRODUCTION TO BUILDING TRADES

HHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

In this introductory course students lay out, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. The program includes instruction in common systems of framing, construction materials, estimating, and blueprint reading along with green building practices. Students will interact with industry representatives during both job site and classroom/shop demonstrations. In addition, students begin to study, in depth, advanced furniture design and cabinetmaking. Students will also be introduced to advanced digital and production methods using industry standard software and computer controlled machines (CNC).

BUILDING TRADES 2: MANUFACTURING

HHS

Grades: 10, 11, 12

Prerequisite: Intro to Building Trades 1

Length: 1 Semester

Credit: CTE - .50 per semester

In this course students will continue to practice to lay out, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. The program includes advanced instruction in common systems of framing, estimating and blueprint reading. Students will interact with industry representatives during both job site and classroom/shop demonstrations. In addition, students will begin to study, in depth, advanced furniture design and cabinetmaking. Students will also continue applying advanced digital design and production methods using industry standard software and computer controlled machines (CNC).

BUILDING TRADES 2: RESIDENTIAL CARPENTRY

HHS

Grades: 10, 11, 12

Prerequisite: Intro to Building Trades 1

Length: 1 Semester

Credit: CTE - .50 per semester

In this course students will continue to practice to lay out, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools emphasizing modern construction practices. The program includes advanced instruction in common systems of framing, construction materials, estimating and blueprint reading. Students will interact with industry representatives during both job site and classroom/shop demonstrations. In addition, students will begin to study and fabricate, in depth, advanced furniture design and cabinetmaking. Students will also continue applying advanced digital design and production methods using industry standard software and computer controlled machines (CNC).

BUILDING TRADES 3: CAPSTONE

HHS

Grades: 11, 12

Prerequisite: Building Trades 1 (VT2000); Building Trades 2: Manufacturing (VT2100) or Building Trades 2: Res Carpentry (VT2125)

Length: 1 Semester

Credit: CTE - .50 per semester

In this capstone course students will continue to use and develop procedures to layout, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools emphasizing modern construction practices. The program includes advanced instruction in common systems of framing, construction materials, estimating and blueprint reading. Students will interact with industry representatives during both job site and classroom/shop demonstrations. In addition, students will continue to study, in depth, advanced furniture design and cabinetmaking. Students will also continue applying advanced digital design and production methods using industry standard software and computer controlled machines (CNC) emphasizing structural integrity, aesthetic design, and fabrication procedures utilizing current and personal designs.

BUILDING TRADES 1

BSHS; SHS

Grades: 10, 11, 12

Prerequisite: Wood Technology 2 and consent of Instructor

Length: 1 Year

Credit: CTE - .50 per semester

In this course students lay out, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. The program includes instruction in common systems of framing blueprint reading. Students will interact with industry, construction materials, estimating, and representatives during both job site and classroom/shop demonstrations, and will participate in job shadows, as well as assist in projects sponsored by agencies such as Habitat for Humanity and the Missoula Housing Authority. In addition, students study, in depth, advanced furniture design and cabinetmaking. Research practice and advanced application of material and machine processes will be conducted. Large and intricate projects will be stressed.

BUILDING TRADES 2

BSHS; SHS

Grades: 11, 12

Prerequisite: Wood Technology 3 and consent of Instructor

Length: 1 Year

Credit: CTE - .50 per semester

In this course students lay out, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. The program includes instruction in common systems of framing, construction materials, estimating, and blueprint reading. Students will interact with industry representatives during both job site and classroom/shop demonstrations, and will participate in job shadows, as well as assist in projects sponsored by agencies such as Habitat for Humanity and the Missoula Housing Authority. In addition, students study, in depth, advanced furniture design and cabinetmaking. Research practice and advanced application of material and machine processes will be conducted. Large and intricate projects will be stressed.

IT ESSENTIALS – PC HARDWARE AND SOFTWARE

BSHS; HHS; SHS; SSHS

Grades: 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

IT Essentials: PC hardware and Software is a hands-on, career-oriented, e-learning solution with an emphasis on practical experience to help students develop fundamental computer skills, along with essential career skills. The Cisco It Essentials curriculum helps students prepare for entry-level ICT career opportunities and the CompTIA A+ certification, which helps students differentiate themselves in the marketplace to advance their careers.

CISCO CCNA DISCOVERY

BSHS; HHS; SHS; SSHS

Grades: 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Cisco CCNA Discovery teaches networking based on application, covering networking concepts within the context of network environments that students may encounter in their daily lives – from small office and home office networking to more complex enterprise and theoretical networking models.

INTRODUCTION TO TECHNICAL DESIGN

BSHS; HHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Become an Architect, Engineer, Animator or Game Designer! Learn to draw buildings, cards, and machines using the CAD computer. Work in 3D to create models of game characters and environments. Students develop and use a variety of skills including assessing, organizing, problem solving, and analyzing in the application of drafting techniques. This course offers students an opportunity to learn the fundamentals of technical drawing and design for a variety of well-paid jobs.

ARCHITECTURAL DESIGN

BSHS; HHS; SSHS; SHS

Grades: 10, 11, 12

Prerequisite: Intro to Tech Design

Length: 1 Semester

Credit: CTE - .50 per semester

Architecture is about planning, designing, and constructing buildings. Students explore form, space, and ambience that reflect both function and aesthetics using powerful software tools. They construct drawings to technical specifications and model ideas in three dimensions.

ENGINEERING DESIGN

BSHS; HHS

Grades: 10, 11, 12

Prerequisite: Intro to Tech Design

Length: 1 Semester

Credit: CTE - .50 per semester

This class is oriented for future engineers. Students explore all facets of what it takes to get ideas produced. They draw designs on the board and on the computer in three dimensions. They discover for themselves how technology can take a project from idea to digital prototyping. Students refine designs with stress tests, fluid dynamic analysis, and motion studies.

DESIGN PROJECT 1: DDSN 113 TECHNICAL DRAFTING**BSHS; HHS; SHS****Grades:** 11, 12**Prerequisite:** Intro to Tech Design and an intermediate class such as Architectural Design, Engineering Design or 3D Modeling & Animation**Length:** 1 Semester**Credit:** CTE - .50 per semester

This course offers students the opportunity to pursue an independent board drawing and design project. The one semester project must be proposed by the student and approved by the instructor. A student chooses to create a unique project which reflects his/her learning from earlier design classes and builds upon skills with fully developed architectural or mechanical working drawings. Instructor and student may elect to align this course with Montana college class DDSN 113 Technical Drafting (DDSN 113 Technical Drafting is a post-secondary introduction to concepts related to communicating using technical graphics. Students demonstrate the ability to read blueprints, technical sketches, and schematics. Students will create simple freehand, technical sketches and pictorial drawings. Students demonstrate an understanding of views, ISO symbols, standards, dimensions, and cross sections.)

DESIGN PROJECT 2: DDSN 114 INTRODUCTION TO CAD**BSHS; HHS; SHS****Grades:** 11, 12**Prerequisite:** Intro to Tech Design and an intermediate class such as Architectural Design, Engineering Design or 3D Modeling & Animation**Length:** 1 Semester**Credit:** CTE - .50 per semester

This course offers students the opportunity to pursue an independent drawing and design project. The one semester project must be proposed by the student and approved by the instructor. The student chooses to create a unique project which reflects his/her learning from earlier design classes and builds upon skills with fully developed architectural or mechanical CAD drawings. Instructor and student may elect to align this course with Montana college class DDSN 114 Intro to CAD.

DESIGN PROJECT 3: DDSN 116 3D CAD**BSHS; HHS; SHS****Grades:** 11, 12**Prerequisite:** Intro to Tech Design and an intermediate class such as Architectural Design, Engineering Design or 3D Modeling & Animation**Length:** 1 Semester**Credit:** CTE - .50 per semester

This course offers students the opportunity to pursue an independent drawing and design project. The one semester project must be proposed by the student and approved by the instructor. The student chooses to create a unique project which reflects his/her learning from earlier design classes and builds upon skills with fully developed architectural, mechanical, or entertainment working drawings. Instructor and student may elect to align this course with Montana college class DDSN 116 3D CAD. (DDSN 116 3D CAD is a postsecondary and in-depth study of core computer aided design and drafting concepts. Topics covered include drawing objects, templates, blocks, layers, tables, views, 2 plotters, and three-dimensional rendering.)

INTRODUCTION TO ENGINEERING DESIGN (PLTW)**SHS****Grades:** 9, 10,**Prerequisite:** Science & Math**Length:** 1 Year**Credit:** CTE - .50 per semester

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

CIVIL ENGINEERING & ARCHITECTURE (PLTW)

SHS

Grades: 11

Prerequisite: IED, POE

Length: 1 Year

Credit: CTE - .50 per semester

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

PRINCIPLES OF ENGINEERING

BSHS; SHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: CTE - .50 per semester

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

METALS TECHNOLOGY 1

SHS; SSHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

Metals Technology 1 is designed to give the student a broad, basic knowledge of various metalworking processes and techniques. Areas will include: sheet metal, foundry forging, ornamental iron and machining. Industrial principles of safety and machine operations and techniques will be stressed.

METALS TECHNOLOGY 2

SHS; SSHS

Grades: 10, 11, 12

Prerequisite: Metals Technology 1

Length: 1 Year

Credit: CTE - .50 per semester

Metals Technology 2 is designed for the student who has a definite desire to master basic metalworking skills which could enable him/her to pursue a career in one or more of the metalworking areas. Advanced industrial techniques and principles will be stressed.

INTRODUCTION TO MECHANICAL SYSTEMS

(Automotive Pathway)

BSHS; SHS; SSHS

Grades: 9, 10

Prerequisite: None

Length: 1 Semester **(2 periods/day at SHS)**

Credit: CTE - .50 per semester

In this class students explore a variety of mechanical systems. The focus is primarily on internal combustion engines and related power applications. In addition, common bicycle maintenance and mechanical systems are covered along with basic automotive maintenance. This course provides the basic fundamentals for advancement in the MCPS Automotive Pathway. This class is taught at Sentinel High School and the students from Big Sky and Hellgate are bussed to and from the Auto Center. This is a block class which meets 2 periods. One semester earns one credit.

MCPS AUTOMOTIVE TECHNOLOGY 1

(Automotive Pathway)

SHS

Grades: 10

Prerequisite: Intro to Mechanical Systems or consent of instructor

Length: 1 Year

Credit: CTE - .50 per semester

In Grade 10, students start with a refresher on shop safety and hand-tool use. Automotive students learn how to maintain, diagnose, and repair suspensions, alignments, and steering systems, brakes, electrical systems, and engine performance. Specific applications and repairs are discussed, explored and practiced. Students continue to receive instruction in safety requirements and demonstrate sound safety practices. Training also includes the safe removal and recycling of hazardous materials. Technology-related mathematics, reading, writing, vocabulary, and science are integrated throughout the curriculum. All areas of instruction in this program help prepare the student for the certification test sponsored by the National Institute for Automotive Service Excellence (ASE).

MCPS AUTOMOTIVE TECHNOLOGY 2

(Automotive Pathway)

SHS

Grades: 11

Prerequisite: MCPS Automotive Technology 1

Length: 1 Year

Credit: CTE - .50 per semester

In Grade 11, students start with a refresher on shop safety and hand-tool use. Automotive students learn advanced repair and diagnose procedures in suspension and alignment, brakes, electrical systems, engine performance, and heating and air conditioning. Specific applications and repairs are discussed, explored and practiced. Students continue to receive instruction in safety requirements and demonstrate sound safety practices. Training also includes the safe removal and recycling of hazardous materials. Technology-related mathematics, reading, writing, vocabulary, and science are integrated throughout the curriculum. All areas of instruction in this program help prepare the student for the certification test sponsored by the National Institute for Automotive Service Excellence (ASE). CTSO of SkillsUSA is required.

MCPS EXPLORATION OF AUTOMOTIVE CAREERS (MAT)

(Automotive Pathway)

SHS

Grades: 11, 12

Prerequisite: MCPS Automotive Technology 1

Length: 1 Year

Credit: CTE - .50 per semester

In this course students will explore and experience skills related to the automotive industry. The student will learn maintenance procedures, diagnose problems, and repair automotive components such as: engines, transmissions, trans-axels, drive trains, suspensions, brakes, exhaust, electrical, components and heating and air conditioning components. Also included is minor body collision and rust repair. This course is a partnership with Montana Automotive Technologies (MAT). MAT provides the shop space, tools and projects. In addition, MAT provides volunteer mentors to work with the students in various aspects of mechanical repair. This class is supported by the area automobile dealers and repair shops. "Tire Tech" is an option for students enrolled in this class. Students can earn a national certification in the tire service industry and will be qualified for entry level jobs. Successful completion of this class will give a student entry level work skills and knowledge to continue their education in a post-secondary school or the military. This class is scheduled to enhance the students "hands-on" learning experience with a 3.5 hour lab and a 2 hour class scheduled each week. Check with instructor for the time, location and day of the week.

MCPS AUTOMOTIVE TECHNOLOGY 3

(Automotive Pathway)

SHS

Grades: 11

Prerequisite: MCPS Automotive Technology 1

Co-Requisite: MCPS Automotive Technology 2 or consent of instructor

Length: 1 Year

Credit: CTE - .50 per semester

In Grade 12, students continue to build upon knowledge with in-depth training in engine management systems affecting vehicle emissions and performance. Students are introduced to and learn service, diagnostic, and repair procedures for automatic transmissions, and transaxles assemblies. Shop operations and customer satisfaction are continued and discussed. Air conditioning service, diagnosis and repair is practiced. Students continue to receive instruction in safety requirements and demonstrate sound safety practices. Students will demonstrate the ability to complete a job application and interview and to perform entry-level job readiness and trade skills. Students reaching an acceptable level of proficiency may be eligible for Work Based Learning (WBL). Each student will take the Senior Summative Assessment which is a computerized interactive test. Technology-related mathematics, reading, writing, vocabulary, blueprint reading and science are integrated throughout the curriculum. All areas of instruction in this program help prepare the student for the certification test sponsored by the National Institute for Automotive Service Excellence (ASE). CTSO of SkillsUSA is required.

CONSUMER MECHANICS: AUTOMOTIVE

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Enrollment or completion of Driver's Ed or Driver's License encouraged

Length: 1 Semester

Credit: CTE - .50 per semester

Consumer Mechanics is intended to provide students with the knowledge to make economic decisions and take preventative measures to enhance the overall satisfaction of being an automotive consumer. The class discussions and lab activities provide the fundamental knowledge and experience in owning and maintaining an automobile.

WELDING 180 SMAW and OAW

OPTION OF DUAL CREDIT with UM-Missoula College course WLDG 180 SMAW and Oxyacetylene Welding

SHS

Grades: 12

Prerequisite: Welding Technology 1

Length: 1 YR

Credit: CTE - 1.00 per year

This is a Year Long Class that is offered to seniors that are going into the field of welding and want Dual Credit with Missoula College. This course covers the theory of operations and skill development with a process that is primary in the welding of iron and steel. This experience complements the other welding processes taught in the program to attain a solid, broad based understanding of welding as an industrial metals joining process.

Theory and safe operation of shielded metal arc welding (SMAW) of carbon steel on plate and structural components in all positions to industry standards. Visual inspection and destructive testing used to determine acceptability based upon industry standards (American Welding Society Structural Welding Code-Steel). Power sources and electrodes are covered in depth. Materials are prepared using mechanical plate shears and thermal cutting techniques. Thermal cutting techniques are examined relative to theory of operation and safe practices. Processes used are oxy-fuel cutting, plasma arc cutting, and air carbon arc cutting. Theory and operation of oxyacetylene welding examined.

WELDING TECHNOLOGY 1

BSHS; HHS; SHS; SSHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

This course builds the basic skills required in welding. The student learns the fundamentals concerning kinds and properties of metals and studies oxyacetylene and arc welding. Industrial principles of safety, equipment usage and maintenance will be stressed.

WELDING TECHNOLOGY 2

BSHS; HHS; SHS

Grades: 10, 11, 12

Prerequisite: Welding 1

Length: 1 Year (BSHS and SHS) 1 Semester (HHS)

Credit: CTE - .50 per semester

This course is designed for the student who has a definite desire to master the skills and knowledge of welding. Emphasis is placed on the welding of both ferrous and nonferrous metals and welding in the various positions. The student also gains experience in operation of the gas shielded arc welding machines, and instruction in joint design and a basic understanding of welding symbols and metallurgy.

WELDING TECHNOLOGY 3: DESIGN & FABRICATION

HHS; SHS

Grades: 11, 12

Prerequisite: Welding 2 (SHS) Welding 1 (HHS)

Length: 1 Year (2 hr daily block at HHS; repeatable at HHS with a grade of C or better and consent of instructor)

Credit: CTE - .50 per semester

This course is designed for students who desire to construct and assemble projects from the materials used in the art-metal, construction, and metals industries. Emphasis will be placed on drawing, designed, and problem-solving objects for the functional and aesthetic utilization. Applied math and science concepts will be utilized and new technologies of material separation and assembly will be studied. Students will be required to work on individual and school/group projects. Advanced welding techniques and career exploration will be the major emphasis of this course.

WOOD TECHNOLOGY 1

BSHS; SHS; SSHS

Grades: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: CTE - .50 per semester

This course challenges students with problem-solving situations related to wood and wood technology. Basic skills in sawing, planning, drilling, gluing, shaping, finishing and design are demonstrated to students through mass production and teacher-student selected projects with an emphasis on safety at all times.

WOOD TECHNOLOGY 2

BSHS; SHS; SSHS

Grades: 10, 11, 12

Prerequisite: Wood Technology 1 **Length:** 1 Year

Credit: CTE - .50 per semester

Wood Technology 2 emphasizes a combination of advanced machine operations and wood technology. Students will be presented with various problems to which they must conceptualize the solution, then design and build the final product. Units covered will be: principles which apply to construction of trusses (such as in towers and bridges), mechanical principles (such as in robotics), mass production, lamination and bending, and application of plastic laminates. A teacher-student selected project will be constructed second semester.

WOOD TECHNOLOGY 3

BSHS; SHS; SSHS

Grades: 11, 12

Prerequisite: Wood Technology 2 or consent of instructor

Length: 1 Year

Credit: CTE - .50 per semester

Wood Technology 3 emphasizes a combination of advanced machine operations millwork, cabinetry, and basic residential construction methodology. The course promotes strong work ethics, communication skills, problem solving, teamwork, and continued skill development in the construction trades.

ENGLISH LANGUAGE ARTS (EN)

ENGLISH 1

BSHS; HHS; SHS; SSHS

Grades: 9,

Prerequisite: None

Length: 1 Year

Credit: EN - .50 per semester

English 1 combines reading, literature and informational text; writing; speaking and language; listening and media literacy activities aligned to State standards.

ENGLISH 1 READING

BSHS; HHS; SHS; SSHS

Grades: 9,

Prerequisite: None

Length: 1 Year

Credit: EN - .50 per semester

Students must qualify for this course with standardized test scores as the primary consideration, although grade point average, prior enrollment in a specialized support program, and/or referrals are also utilized. Students will experience reading, literature and informational text, writing, speaking and language, listening, and media literacy aligned to State standards in combination with intensive strategies that provide frequency, duration, and delivery to increase academic success.

ENGLISH 1 HONORS

BSHS; HHS

Grades: 9

Prerequisite: BSHS - Honors Contract; Must be enrolled in Health Science Academy; HHS- Completed Summer Assignment

Length: 1 Year

Credit: EN - .50 per semester

BSHS: Students are required to commit to an in-depth study of reading, literature and informational text; writing; speaking and language; listening and media literacy activities aligned to State standards.

HHS: This accelerated course is designed to challenge students with exceptional interest in literature, writing, and discussion. Students are expected to have strong organizational and study skills as this course will require most reading to be done outside of class. Reading selections will include novels, drama, non-fiction, poetry and short stories. Students will participate enthusiastically and take responsibility in group and long-term projects. Instruction will emphasize analytical and argumentative writing. The curriculum is in accordance with state standards.

ENGLISH 2

BSHS; HHS; SSHS; SHS

Grade: 9

Prerequisite: English 1

Length: 1 Year

Credit: EN - .50 per semester

English 2 students study a variety of genres to appreciate literature and informational text; to refine their comprehension, fluency, language and vocabulary skills; and to obtain information. Students plan, draft, and complete written compositions on a regular basis. Students refine their researching, speaking and listening skills through a variety of activities, including presentations. All activities are aligned to State standards.

ENGLISH 2 READING

BSHS; HHS; SSHS; SHS

Grade: 10

Prerequisite: English 1

Length: 1 Year

Credit: EN - .50 per semester

Students must qualify for this course. Students will study a variety of literary genres, plan, draft, and complete written compositions as well as refine speaking and listening skills. This intensive intervention will provide frequency, duration, and delivery necessary to increase reading, comprehension, and academic success. All activities are aligned to State standards.

ENGLISH 2 HONORS

SHS

Grade: 10

Prerequisite: English 1

Length: 1 Year

Credit: EN - .50 per semester

This course is the gateway to AP and IB English classes. Students hone their persuasive argument writing skills while completing World literature units. Discussions are often impassioned and each student is expected to participate by reading assignments on time, asking questions, and proposing and defending alternative interpretations. All of these activities require a heavy commitment of time, but by the end of the year, students should be able to write a compelling essay, speak confidently in a public setting, and appreciate a wide variety of literature. All activities are aligned to State standards.

ENGLISH 2 HONORS/MODERN WORLD HISTORY

HHS

Grade: 10

Prerequisite: English 1

Length: 1 Year

Credit: EN/SS - .50 per semester

A collaborative approach to the study of World Cultures, this course includes credit for World History and Honors Sophomore English. It emphasizes the dynamic interdependence and evolutionary nature of world history and culture. While world history and literature are the primary focus, the importance of art, music philosophy, science and technology is also explored. Teachers emphasize close-reading and writing (informational, narrative, argument, research, literary and comparison/contrast) in preparation for advanced English classes at the junior and senior levels. All activities are aligned to State standards.

ENGLISH 2 HONORS/AP MODERN WORLD HISTORY

SHS

Grade: 10

Prerequisite: English 1

Length: 1 Year

Credit: EN/SS - .50 per semester

This is a rigorous course of study that challenges students on an intellectual level but at the same time students will leave the course with a set of skills that will transfer to all academic disciplines and to life outside of academia. The Honors English 2/AP World History course is designed to provide students with a college experience prepare them for the AP World History Exam and build an understanding about the shared experience and literature of all human beings. The course emphasizes the connection between the world history curriculum and world literature. The course focuses on reading argumentative writing and the analysis of a variety of sources while addressing Common Core Standards. This is a preparatory class for AP Literature and Language and AP Composition. Students in this course are also eligible to take the AP World History Exam during the spring semester.

ENGLISH 3**BSHS; HHS; SSHS; SHS****Grade:** 11**Prerequisite:** English 2**Length:** 1 Year**Credit:** EN - .50 per semester

English 3 students study a variety of genres to appreciate literature and informational text; to refine their comprehension, fluency, language and vocabulary skills; and to obtain information. Students plan, draft and complete written compositions, including argumentative, informative/explanatory and narrative pieces. Students refine their researching, speaking, and listening skills through a variety of activities, including a speech using visual aids. All activities are aligned to State standards.

ENGLISH 3 READING**BSHS; HHS; SSHS; SHS****Grade:** 11**Prerequisite:** English 2**Length:** 1 Year**Credit:** EN - .50 per semester

English 3 Reading is primarily a study of American literature from the colonial period to the twenty-first century. Works will focus on themes centered on the American Dream and social justice. Students discuss important works from a variety of genres. They initiate and participate in a range of collaborative discussions and more formal presentations. Students examine the craft of writing and compose and publish informative/explanatory, argumentative, and narrative pieces. All activities are aligned to State standards.

ENGLISH 3/U.S. HISTORY**SHS****Grade:** 11**Prerequisite:** English 2**Length:** 1 Year**Credit:** EN - .50 per semester

This class allows students to see the interconnection between American history and American literature. It surveys U.S. history with an emphasis on the 20th Century. The class explores the democratic ideas that shaped us, the responsible citizenship that sustains us, the cultural diversity that enriches us, and the global perspectives needed in an ever-changing world. Economic issues and current affairs are woven into the class. Students will explore and examine themes and issues in literature related to selected time period thematic in-depth units of study. Students will use a variety of skills including researching, accessing, organizing, analyzing, and presenting information orally and in written form. Students will take notes, complete projects, take part in simulations, and engage in debate and discussions. All activities are aligned to State standards.

AP ENGLISH 3**BSHS; HHS; SHS****Grade:** 11**Prerequisite:** English 2**Length:** 1 Year**Credit:** EN - .50 per semester

Advanced Placement (AP) English 3 is an accelerated, yearlong course open to juniors interested in classic works of literature which are combined with writing activities to prepare students for taking the Advanced Placement Exam in May. All activities are aligned to State standards. AT HELLGATE - AP English 3 involves English Language and Composition. AT BIG SKY AND SENTINEL – AP English 3 involves English Literature and Composition.

IB ENGLISH 11 LITERATURE HIGHER LEVEL

BSHS; HHS

Grade: 11

Prerequisite: English 2

Length: 1 Year

Credit: EN - .50 per semester

In IB English 11 & 12 Literature Higher Level, over the course of two years, students will develop understanding of the techniques involved in literary criticism and the ability to form independent literary judgments. Formal analysis of texts and wide coverage of a variety of literature-both in the language of the subject and in translated texts from other cultural domains-are combined with a study of the way literary conventions shape responses to texts. In addition, students will have an understanding of how culture and context influence texts and their understanding of them. They will develop skills of analysis and the ability to support a commentary, clearly expressed in both written and oral commentaries, sometimes at length. This course will enable them to succeed in a wide range of university courses, particularly in literature but also in subjects such as philosophy, law and language. Upon completion of both years of this course, students will be able sit for the IB Higher Level examinations in English.

ENGLISH 4

BSHS; HHS; SSHS; SHS

Grade: 12

Prerequisite: English 3

Length: 1 Year

Credit: EN - .50 per semester

Students write extensively, including research, literary analysis, critical review and creative forms. English 4 students read in multiple genres to appreciate literature and informational text; to refine their comprehension, fluency language and vocabulary; and to obtain information. English 4 students produce and respond to a variety of media, refining their speaking, listening and critical thinking skills. Students complete the course with a culminating, oral project/presentation. At Sentinel, there will be oral projects/presentations throughout the school year. All activities are aligned to State standards.

ENGLISH 4 READING

BSHS; HHS; SSHS; SHS

Grade: 12

Prerequisite: English 3

Length: 1 Year

Credit: EN - .50 per semester

In English 4 Reading works focus on themes centered on self, society, and transitions. In their essays and discussions, students may relate a work to its historical circumstances, trace a symbol through a work or works, or consider a moral or philosophical question. Students write informative/explanatory, argumentative, and narrative pieces and build on their writing skills from previous years. All activities are aligned to State standards.

AP ENGLISH 4

BSHS; HHS; SHS

Grade: 12

Prerequisite: English 3

Length: 1 Year

Credit: EN - .50 per semester

AP English 4 is an accelerated, yearlong course open to seniors interested in works of literature, which are combined with writing activities to prepare students for taking the Advanced Placement Exam in May. All activities are aligned to State standards. AT HELLGATE - AP English 4 involves English Literature and Composition.

AT BIG SKY AND SENTINEL – AP English 4 involves English Language and Composition.

ENGLISH 4/INTRODUCTION TO FILM**OPTION OF DUAL CREDIT with UNIVERSITY OF MONTANA course FILM 103L****SHS****Grade:** 12**Prerequisite:** Students must have a "C" or better in current English class. Must have parental permission to view R-rated films**Length:** 1 Year**Credit:** EN - .50 per semester

In addition to the traditional English 4 curriculum, this class examines film making as an art form. We will learn the technical language of film and look carefully and critically at how films are constructed, examining how the film's form shapes its meaning. This is an intensive writing course with an emphasis on critical analysis of selected classic and significant contemporary films. An introduction to Film textbook will supplement the traditional English 4 curriculum. English 4 students write extensively, including research, literary analysis, critical review and creative forms. They read in multiple genres to appreciate literature and informational text. There will be oral projects/presentations throughout the school year. All activities are aligned to state standards.

IB ENGLISH 12 LITERATURE HIGHER LEVEL**BSHS; HHS****Grade:** 12**Prerequisite:** IB English 11**Length:** 1 Year**Credit:** EN - .50 per semester

In IB English 11 & 12 Literature Higher Level, over the course of two years, students will develop understanding of the techniques involved in literary criticism and the ability to form independent literary judgments. Formal analysis of texts and wide coverage of a variety of literature-both in the language of the subject and in translated texts from other cultural domains-are combined with a study of the way literary conventions shape responses to texts. In addition, students will have an understanding of how culture and context influence texts and their understanding of them. They will develop skills of analysis and the ability to support a commentary, clearly expressed in both written and oral commentaries, sometimes at length. This course will enable them to succeed in a wide range of university courses, particularly in literature but also in subjects such as philosophy, law and language. Upon completion of both years of this course, students will be able sit for the IB Higher Level examinations in English.

IB THEORY OF KNOWLEDGE 11**BSHS; HHS****Grade:** 11**Prerequisite:** None**Length:** 1 Semester (2nd semester of junior year)**Credit:** EN - .50 per semester

The interdisciplinary IB Theory of Knowledge 11 course is designed to develop a coherent approach to learning that transcends and unifies the academic areas and encourages appreciation of other cultural perspectives. This course is in part intended to encourage students to reflect on the huge cultural shifts worldwide around the digital revolution and the information economy. The extent and impact of the changes vary greatly in different parts of the world but everywhere their implications for knowledge are profound. The course encourages students to share ideas with others and to listen to and learn from what others think. This course is required for students pursuing the IB Diploma.

IB THEORY OF KNOWLEDGE 12

BSHS; HHS

Grade: 12

Prerequisite: IB Theory of Knowledge 11

Length: 1 Semester (1st semester of senior year)

Credit: EN - .50 per semester

The interdisciplinary course is a continuation of IB Theory of Knowledge 11 designed to develop a coherent approach to learning that transcends and unifies the academic areas and encourages appreciation of other cultural perspectives. This course is in part intended to encourage students to reflect on the huge cultural shifts worldwide around the digital revolution and the information economy. The extent and impact of the changes vary greatly in different parts of the world but everywhere their implications for knowledge are profound. The course encourages students to share ideas with others and to listen to and learn from what others think. This course is required for students pursuing the IB Diploma.

TECHNICAL WRITING (FA @ HHS)

OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE

BSHS; HHS; SHS

Grade: 11, 12

Prerequisite: English 2

Length: 1 Year

Credit: EN - .50 per semester

This course is designed to help students develop skills that will enable them to produce clear and effective scientific and technical documents. The focus will be on basic principles of good writing-which scientific and technical writing shares with other forms of writing – and on types of documents common in scientific and technical fields and organizations. While the emphasis will be on writing, oral communication of scientific and technical information will form an important component of the course as well (MIT). *Tailored to meet dual-credit requirements and business partners' recommendations.

WRITING 101

OPTION OF DUAL CREDIT with course University of Montana WRIT 101-COLLEGE WRITING I

SSHS; SHS

Grade: 12

Prerequisite: English 3 and a score of 3.5 or higher on MUSWA

Length: 1 Year

Credit: EN - .50 per semester

Writing 101 engages students in reading complex texts with understanding and writing prose of sufficient richness and complexity to communicate effectively with mature readers. Writing effectively is fundamental to success in academic, professional, and civic endeavors. Students will inquire into such problems as global warming or racism to understand, assess, and evaluate how conclusions and generalizations are justified based on data; to develop coherent arguments that critique works from a variety of approaches, such as historical, aesthetic, cultural, psychological, political, and philosophical, and to analyze human behavior, ideas, and institutions within their historical and cultural contexts. Sentinel students in grade 12 will have the option of taking this course, instead of English 4, for dual credit with the University of Montana. This course at Sentinel corresponds to the UM course WRIT 101-College Writing 1. Seeley-Swan students in grade 12 will have the option of taking this course, instead of one semester of English 4, for dual credit with the University of Montana-Helena College of Technology. This course at Seeley-Swan corresponds to the UM-Helena COT course WRIT 101-College Writing 1. NOTE: All courses taken to satisfy UM General Education Requirements must be taken for a traditional letter grade and must be passed with a grade of C- or better.

LITERATURE 110

OPTION OF DUAL CREDIT with course LIT 110-INTRODUCTION TO LITERATURE

SSHS

Grade: 12

Prerequisite: English 3

Length: 1 Semester

Credit: EN - .50 per semester

Literature 110 will foster a love of literature and will develop the skills to discuss it with passion. Through in-depth study, students will know what makes great literature and why. They will understand how to tell the difference between a good book and a great book. This course will teach the dynamics of what makes us embrace specific viewpoints. Students will write an analysis that takes in opposing views and presents a clear, articulate argument. They will know how to write not merely a summary or impressions, but an analysis. They will engage in focused classroom discussion and oral presentation. Seeley-Swan students in grade 12 will have the option of taking this course, instead of one semester of English 4, for dual credit with the University of Montana-Helena College of Technology. This course at Seeley-Swan corresponds to the UM-Helena COT course LIT 110-Introduction to Literature. NOTE: All courses taken to satisfy UM General Education Requirements must be taken for a traditional letter grade and must be passed with a grade of C- or better.

SPEECH 1

BSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: EL - .50 per semester

Express yourself! Speaking, listening, and observing are fundamental processes, which people use to express, explore, and learn about ideas. Students in Speech 1 integrate multiple sources of information, as well as evaluate the integrity/credibility of the source. Students learn how to evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.

SPEECH 2

BSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Speech 1

Length: 1 Semester

Credit: EL - .50 per semester

Students will increase and refine their speaking skills. They will participate in full-length competition-level Lincoln Douglas and Policy Debate per the Montana High School Association Rules and Procedures Handbook

INTRODUCTION TO CREATIVE WRITING

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester (HHS; SSHS) 1 Year (BSHS; SHS)

Credit: EL - .50 per semester

Tell your story. Explore the universe of creative writing possibilities. Play with words. Become a better writer. Work with other inspired students to sharpen your skills, find your voice, and create an anthology of your own work. Count on writing, rewriting, and rewriting some more. Make your work ready for the world. Maybe even get published.

LITERARY MAGAZINE

BSHS

Grade: 10, 11, 12

Prerequisite: Intro to Creative Writing

Length: 1 Year

Credit: EL - .50 per semester

Literary Magazine students continue to expand their writing portfolios with increasingly sophisticated works. At Big Sky, they publish the school literary magazine: *Aerie Big Sky*.

INTERNATIONAL LITERARY MAGAZINE

BSHS

Grade: 11, 12

Prerequisite: Intro to Creative Writing, Literary Magazine, and/or consent of instructor

Length: 1 Year

Credit: EL - .50 per semester

International Literary Magazine students further expand their writing portfolios with consistently more complex and sophisticated works. At Big Sky, they publish the international high school literary magazine: *Aerie International*.

INTRODUCTION TO JOURNALISM

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: "C" or higher in current English class

Length: 1 Year

Credit: EL - .50 per semester

The class introduces basic concepts in journalism and prepares students to write, especially in preparation for work on publications (newspaper, yearbook, radio/audio). There will be intensive emphasis on writing with some required reading of literature related to journalism. In addition students learn photography, publication technology and broadcast technology.

NEWSPAPER

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Intro to Journalism and/or consent of instructor

Length: 1 Year

Credit: EL - .50 per semester

This class may be taken for up to three years for elective credit only. It is a laboratory class in intensive writing which produces the school newspaper. Students in Journalism 2 (newspaper) will learn vocational aspects of running a newspaper; discuss the media, and read literature related to media and journalism.

BROADCASTING

BSHS; SHS

Grade: 10, 11, 12

Prerequisite: Intro to Journalism and/or consent of instructor

Length: 1 Year

Credit: EL - .50 per semester

This class may be taken for up to three years for elective credit only. It is a laboratory class in intensive writing and video production that produces the school television programming. Students in Journalism (broadcasting) will learn vocational aspects of running a television station; discuss the media, and read literature related to media and journalism.

YEARBOOK

BSHS; HHS; SSHS

Grade: BSHS; HHS: 10, 11, 12

Prerequisite: "B" or higher in Intro to Journalism and/or consent of instructor

Length: 1 Year

Credit: EL - .50 per semester

This class may be taken up to three years for elective credit only. It is a laboratory class that produced the school yearbook. Students in this class will learn vocational aspects of running a publication, photography, and layout. They will be responsible for producing the book of record for the school for that year. Students must have a grade of "B" or higher in Intro to Journalism or be seniors with the consent of the instructor.

FINE ARTS (AR) MUSIC

BEGINNING BAND

BSHS; HHS; SHS

Grade: 9

Prerequisite: Previous instruction or consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

This course continues to teach basic musicianship and fundamentals started in elementary school and to give each student a varied experience in instrumental music. The student will participate in marching band and may participate in small group and solo playing as well as jazz band.

INTERMEDIATE BAND

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Previous instruction in grade school or consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

This course continues to teach basic musicianship and fundamentals started in elementary school and to give each student a varied experience in instrumental music. The student will participate in marching band and may participate in small group and solo playing as well as jazz band.

ADVANCED BAND

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Beginning Band, Intermediate Band, or consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

This course teaches an appreciation of all band performances including: marching band, concert band, solos, and ensembles. Literature and playing techniques reflect the most advanced level of our high school bands.

JAZZ BAND

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Audition and consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

This course is a 20-piece instrumental ensemble, which will play the full range of jazz and big band literature. Students will play individual parts and study techniques of improvisation. Students should anticipate frequent school and community performances.

WIND ENSEMBLE

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

This course studies upper level concert repertoire wind band music. Emphasis is on building upper level music skills, small ensembles and solo performance.

BEGINNING MEN'S CHOIR**BSHS; HHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** AR - .50 per semester

Beginning men's choir will introduce fundamentals of vocal production and will focus on the changing male voice as well as the changed male voice, basic music literacy, and choral performance.

BEGINNING WOMEN'S CHOIR**BSHS; HHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** AR - .50 per semester

Beginning women's choir will introduce fundamentals of vocal production, including an understanding of the student's own voice, basic music literacy, and choral performance.

ADVANCED WOMEN'S CHOIR**BSHS; HHS; SHS****Grade:** 10, 11, 12**Prerequisite:** Audition and Consent of Instructor. Beginning Choir Recommended**Length:** 1 Year**Credit:** AR - .50 per semester

Advanced women's choir is a select group that, through the media at music performances, studies music of all diversities and styles. Musical growth is emphasized in part singing, vocal skills, musicianship and performance leading to a greater degree of sophistication in those areas.

INTERMEDIATE MIXED CHOIR**BSHS; HHS; SSHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** Audition and Consent of Instructor. Beginning Choir Recommended**Length:** 1 Year**Credit:** AR - .50 per semester

Intermediate Mixed Choir will introduce fundamentals of vocal production, including an understanding of the student's own voice, basic music literacy, and choral performance.

ADVANCED MIXED CHOIR**BSHS; HHS; SHS****Grade:** 10, 11, 12**Prerequisite:** Audition and Consent of Instructor.**Length:** 1 Year**Credit:** AR - .50 per semester

Advanced mixed choir will explore through study and frequent performances an expanded repertoire of quality choral literature. The class shall be the logical extension of a program wherein music literacy, from note reading to style understanding, and individual vocal and musical growth, have all been stressed. Its express goal shall be to embrace the art of choral performance with its best music, and with the best set of musical skills and aesthetic understandings that our students can achieve.

ADVANCED CHAMBER ENSEMBLE

HHS

Grade: 10, 11, 12

Prerequisite: Audition and Consent of Instructor.

Length: 1 Year

Credit: AR - .50 per semester

Advanced Chamber Ensemble expands upon fundamentals of vocal production, including an understanding of the student's own voice, basic music literacy, and choral performance, emphasizing vocal chamber literature. Methodology is employed through group rehearsal. Assessments used are individual voice testing, written tests, live concert performances, invitational/district festival participation, and post-performance evaluation. Increased performance opportunities are required.

GUITAR 1

BSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: AR - .50 per semester

If you have ever wanted to play guitar, here is your chance – and it is free! Learn how to play power chords, strum, use a pick, play chord progressions, read tab and play music, play a bass line, and more. Students will be playing acoustic guitars. All students need to purchase Hal Leonard's Guitar Method Book One (with CD). Homework will be required. Singing is a must! The final will be a coffee house show.

UKULELE 1

BSHS

Grade: 10, 11, 12

Prerequisite: None.

Length: 1 Semester

Credit: AR - .50 per semester

Ukuleles are hot! Amaze your friends...learn skills such as reading a lead sheet, understanding and playing chords and chord progressions, improvising, simple arranging, basic music theory and history, and the ability to learn music from a recording (by ear) as well as by note reading. Ukulele 1 students will learn transferable music skills which they can build on to enjoy music throughout their lives.

BEGINNING ORCHESTRA

BSHS

Grade: 9, 10, 11, 12

Prerequisite: Previous instruction or consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

Orchestra continues the development of basic musicianship and music fundamentals and fosters improved technical skills on string instruments through the preparation of increasingly more advanced orchestral literature. Students have the opportunity to develop a more mature musical appreciation through participation in and enjoyment of the world's greatest music.

INTERMEDIATE ORCHESTRA

BSHS; HHS

Grade: 9, 10, 11, 12

Prerequisite: 2 or 3 Years Prior Playing Experience and Consent of Instructor

Length: 1 Year

Credit: AR - .50 per semester

This course continues to teach basic musicianship and fundamentals started in elementary school and to give each student a varied experience in instrumental music. Skills such as tuning, vibrato, shifting, and a variety of bowing techniques are stressed. Students may audition for the Missoula Youth Symphony and perform a solo or small ensemble at the District Music Festival, as well as perform in several concerts during the year.

ADVANCED ORCHESTRA

BSHS; HHS

Grade: 10, 11, 12

Prerequisite: Audition and Consent of Instructor

Length: 1 Year

Credit: AR - .50 per semester

Advanced Orchestra continues the development of basic musicianship and music fundamentals and fosters improved technical skills on string instruments through the preparation of increasingly more advanced orchestral literature. Students have the opportunity to develop a more mature musical appreciation through participation in and enjoyment of the world's greatest music.

MUSIC APPRECIATION

SSHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: AR - .50 per semester

Music Appreciation includes, but is not limited to, guitar, bucket drumming, learning the six essential elements of music, relating music to social movements, and piano.

MUSIC TECHNOLOGY

BSHS

Grade: 11, 12

Prerequisite: 2 Years Music Training or Consent of Instructor

Length: 1 Semester or 1 Year

Credit: AR - .50 per semester

Music Technology students will compose, arrange and develop music theory skills through the use of computer based music technology. The class will enable students to study the elements of music for their own edification or as preparation for those students who will be college-bound music majors. Students will be assessed through oral and written assignments and exams, reports and participation.

MUSIC THEORY

SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: AR - .50 per semester

Open to any student wanting to learn the skills and knowledge required for the complete understanding of the structure of music as well as starting to prepare for college theory entrance exams. Topics covered will include: Identifying and using musical nomenclature, ear training, compositional rules, melodic and harmonic concepts, basic piano skills, and more. No prior music knowledge is required, but the skills progress quickly so must be willing to do repetitive and ever-advancing work in order to be successful.

AP MUSIC THEORY

SHS

Grade: 11, 12

Prerequisite: At least one semester of beginning music theory and/or 3 years in music performance class (band/choir/orchestra) PLUS recommendation from your most recent music teacher. Having at least basic piano knowledge/skills will be very helpful. It is recommended that you work on piano skills during the summer before you take any theory class.

Co-Requisite: Having at least basic piano knowledge/skills will be very helpful. It is recommended that you work on piano skills during the summer before you take any theory class.

Length: 1 Year

Credit: AR - .50 per semester

The AP Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

Open to any student wanting to learn the skills and knowledge required for the complete understanding of the structure of music as well as starting to prepare for college theory entrance exams. Topics covered will include: Identifying and using musical nomenclature, ear training, compositional rules, melodic and harmonic concepts, basic piano skills, and more. No prior music knowledge is required, but the skills progress quickly so must be willing to do repetitive and ever-advancing work in order to be successful

IB MUSIC

BSHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: AR - .50 per semester

Through the IB Music course students develop their knowledge and potential as musicians, both personally and collaboratively. Students are required to study theory and aural skills in order to develop their musical perception. Involving aspects of the composition, performance and critical analysis of music, the course exposes students to forms, styles and functions of music from a wide range of historical and socio-cultural contexts. Students create, participate in, and reflect upon music from their own background and those of others. They develop practical and communicative skills which provide them with the opportunity to engage in music for further study, as well as for lifetime enjoyment. Students must complete the full year and pass the IB exam to obtain the IB certificate.

IB MUSIC SL

HHS

Grade: 12

Prerequisite: Successful audition into upper level ensemble and theory examination. Consent of Instructor

Co-requisite: Upper Division Music Course

Length: 1 Year

Credit: AR - .50 per semester

This course is open to advanced level musicians that have already auditioned into an upper division performance ensemble (Advanced Orchestra, Chamber Choir, Wind Ensemble or Jazz Band). In addition, any student choosing to enroll in this IB course will need to pass a basic music theory exam. The IB music course is intended for students who want to pursue advanced musical understanding. Students will be expected to be open to exploration of music genres and styles from around the world. They will learn about musical structure, function, terminology, notation, historical and cultural contexts and in-depth music theory. Students' participation in their school ensembles will be used for the performance aspect of their IB Music examination. In addition students will be required to attend an addendum course in which music theory, music history and music cultures will be studied at a high level. For internal assessment, the IB Listening Paper examination and the IB Music Links Investigation, students will be required to accumulate an in-depth knowledge of music analysis, music history and music cultures.

PERCUSSION ENSEMBLE**SSHS****Grade:** 9, 10, 11 12**Prerequisite:** None**Length:** 1 Semester**Credit:** AR - .50 per semester

Percussion Ensemble students learn to become active members in a working drum corps. All students will play and will be expected to demonstrate competency. Grades are based on participation, attendance, practice and rehearsal technique.

Drumline may perform at assemblies and/or sporting events.

FINE ARTS (AR)
THEATRE ARTS

DRAMA 1 INTRO TO THEATRE

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: AR - .50 per semester

Introduction to Theatre students will become acquainted with various areas of theatre: acting, basic technology, theatre etiquette, movement, vocalization, and basic theatre history. Students will gain a general knowledge of basic theatre arts and an appreciation of theatre arts as an enjoyable activity. In class performance and active class participation will be implemented.

DRAMA 2 INTERMEDIATE THEATRE

BSHS; HHS; SSHS; SHS

Grade: 10, 11, 12

Prerequisite: Drama 1 and consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

THIS YEAR-LONG COURSE WILL SATISFY THE FINE ARTS REQUIREMENT. Intermediate Theatre students will become acquainted with several selected areas of theatre: including presentation and technical work. Students will gain advanced knowledge and appreciation of the theatre. Public and in-class performance will be a central feature of this class.

DRAMA 2 FILMMAKING

BSHS

Grade: 10, 11, 12

Prerequisite: Drama 1 and consent of instructor

Length: 1 Semester

Credit: AR - .50 per semester

Filmmaking students will become acquainted with several selected areas of film emphasizing: acting for film, storyboarding and writing for film, directing and editing, television studio work, cinematography, video editing, film production, analysis and appreciation of film. Public and in-class performance will be feature of this class. Students will be expected to invest time out of class for production projects and participate in various film festivals.

DRAMA 3 ADVANCED THEATRE

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Drama 2 and consent of instructor

Length: 1 Semester

Credit: AR - .50 per semester

This course will explore various aspects of theatre in depth. Students will mount productions for evening performances. Acting Workshop will include script analysis and advanced scene study, stressing a line-by-line breakdown of various theatrical pieces. Students will mount plays and conceptual theatre pieces. Dance and creative movement will be gone into in depth, with emphasis on experimentation and the development of original performance art. This course is for those with a serious interest in the performing arts and the drive to work hard both during and after school, as required.

MOVEMENT FOR THE THEATRE

BSHS

Grade: 10, 11, 12

Prerequisite: Drama 2 and consent of instructor

Length: 1 Semester

Credit: AR - .50 per semester

Movement for the Theatre students will become acquainted with several selected areas of theatre emphasizing dance, stage choreography and presentation for the theatre. Students will gain knowledge and appreciation of choreography for the theatre including but not limited to mime, dance, non-contact stage combat, clowning, and juggling. Public and in-class performance will be a feature of this class. Students will be expected to invest time out of class for performance projects. This course is for upper level theatre students with a serious interest in dance movement and performance and the drive to work hard both during and after school as required.

TECHNICAL THEATRE PRODUCTION

BSHS

Grade: 10, 11, 12

Prerequisite: Drama 2 and consent of instructor

Length: 1 Semester

Credit: AR - .50 per semester

Theatre students will become acquainted with several selected areas of theatre including presentation and technical work. Students will study lighting, set construction, stage presentation, and set design. Providing technical design and fabrication for public and in-class performances will be a central feature of this class. Students will be expected to invest time out of class for work calls and class projects. Fine Art credit only will be awarded for this class.

IB DRAMA – STANDARD LEVEL

BSHS

Grade: 11, 12

Prerequisite: Drama 1

Length: 1 Year

Credit: AR - .50 per semester

The IB diploma program theatre course is designed to encourage students to examine theatre in its diversity of forms from around the world. This may be achieved through a critical study of the theory, history and culture of theatre, and will find expression through workshoping, devised work or scripted performance. Students will come to understand that the act of imagining, creating, presenting and critically reflecting on theatre in its past and present contexts embodies the individual and social need to investigate and find explanations for the world around us. The theatre course emphasizes the importance of working individually as a member of an ensemble. Students are encouraged to develop the organizational and technical skills needed to express themselves creatively in theatre. Students will also develop a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis – all of which should be achieved through practical engagement in theatre.

IB ADVANCED DRAMA

HHS

Grade: 11, 12

Prerequisite: Drama 1 and 2 and consent of instructor

Length: 1 Year

Credit: AR - .50 per semester

Students studying IB Drama are challenged in both theory and practice to work creatively and imaginatively while communicating in dramatic form. Students will approach this study from the perspective of each of the following theatre specialists: dramaturg, creator, designer, director, and performer. The course focuses on three areas: Theater in Context, Theater Processes, and Presenting Theater.

**FINE ARTS (AR)
VISUAL ARTS**

INTRODUCTION TO ART

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: AR - .50 per semester

Introduction to Art is a yearlong beginning art class designed to acquaint the student with the basic techniques and methods of art. This course focuses primarily on production, perception and reflection. Through the study of the elements and principles of design, the student will develop a sense of composition in various art media and the ability to critique his/her own work. Introduction to Art is a prerequisite to all other art offerings.

CERAMICS

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

Clay techniques: hand building, coil, slab, sculpted work, wheel throwing and glazing will be taught in the ceramics class. The student will learn to work in a 3-dimensional form which has functional and artistic applications for today's world.

CERAMICS 2

BSHS

Grade: 10, 11, 12

Prerequisite: Ceramics

Length: 1 Semester

Credit: AR - .50 per semester

Advanced techniques in clay including wheel throwing, mold making and glaze calculation. Experiential firing including raku, wood fire and other high fire processes. Field trips to experience digging clay and observing professional techniques and processes.

DRAWING

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

The student will use a variety of drawing techniques and materials such as pencil, charcoal, chalk, pen & ink, etc. The student will experience these techniques in projects which are representational, nonobjective, and imaginary.

GRAPHIC ILLUSTRATION

BSHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

Graphic illustration presents the opportunity for the student to work with specialized techniques used in the field of illustration. The student is exposed to continued drawing and multimedia techniques commonly used in the field of Commercial Art.

JEWELRY

SHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

Jewelry offers the student the opportunity to work with specialized techniques in the field of jewelry. Students will be exposed to a variety of traditional and modern jewelry procedures.

PAINTING

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

Students will be introduced to painting methods and techniques by using oil, tempera, and acrylic media. Through the use of color theory and mixing techniques the students will be able to paint in a variety of styles utilizing methods such as: alla prima, impasto, glazing, etc.

PRINTMAKING

HHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

Printmaking is a way of reproducing multiple images of a design from one surface to another. The students will experience the transfer by means of a variety of printmaking methods, including silk-screen, dry point, collagraph, relief printing and embossing.

SCULPTURE

BSHS; HHS; SHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

Sculpture develops an understanding of three-dimensional design and the nature of various materials used in creating it. The student will experience works in various media such as wood, wire, Styrofoam, paper and plaster, assemblage, and clay.

WATERCOLOR

BSHS; HHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Semester

Credit: AR - .50 per semester

Students will be introduced to the use of transparent watercolor, gouaches, tempera, Chinese brush painting, and experiment with other water-based media and techniques.

CONCEPTUAL MIXED MEDIA

HHS

Grade: 11, 12

Prerequisite: Intro to Art and Drawing (or consent of instructor)

Length: 1 Semester

Credit: AR - .50 per semester

Conceptual Mixed Media is a class for the seriously focused, thinking, experimental person who approaches art with idea and experimentation as the primary focus. Students must have ideas of what they want to say visually through their art and the strong desire to experiment with media to attain the results. Conversely, students must also be willing to play without a preconceived ideal of the outcome. We are focused on art making as most contemporary artists are: having a vision, able to process their intentions, and willing to work with any and all available process to see it to fruition.

SENIOR STUDIO

BSHS; HHS; SSHS; SHS

Grade: 11, 12

Prerequisite: Intro to Art, two additional art courses and consent of instructor

Length: 1 Semester

Credit: AR - .50 per semester

The serious Junior or Senior visual art student will have the opportunity to pursue in-depth studies in different types of artistic problem solving using a variety of media, research, documentation, assessment, and evaluation. A variety of materials and specific guidance will be provided during the progression of this class. The student will be responsible for working at advanced and maximum levels throughout the progression of this course. Some activities that may be included in this class would be further exploration of student selected media, organizing a professional portfolio for post-secondary opportunities, writing a resume geared toward the arts, writing an artist statement, adding strength to the artist's weak areas in visual art, pursuing an in-depth approach to examining a specific style in art, studying the history of art, exhibiting artwork, visiting places in the community associated with art, etc.

AP STUDIO ART

SHS

Grade: 10, 11, 12

Prerequisite: Intro to Art

Length: 1 Year

Credit: AR - .50 per semester

This Advanced Placement (AP) course gives advanced art students the opportunity to earn college credit, scholarships, entrance into college art programs and to improve artistic knowledge and skills. This class will embrace the MCPS 21st Century Initiative of forward thinking and high achievement.

IB VISUAL ART STANDARD LEVEL YR 1

HHS

Grade: 11, 12

Prerequisite: Intro to Art

Length: 1 Year

Credit: AR - .50 per semester

Students in IB Visual Arts Standard Level Yr 1 investigate past, present, and emerging forms of visual arts and engage in producing, appreciating, and evaluating them. They build confidence in responding visually and creatively to personal and cultural experiences. They develop skills in, and sensitivity to, the creation of works that reflect active and individual involvement. Students take responsibility for the direction of their learning through the acquisition of effective working practices

IB VISUAL ART STANDARD LEVEL YR 2

HHS

Grade: 12

Prerequisite: IB Visual Art Standard Level YR 1

Length: 1 Year

Credit: AR - .50 per semester

IB Visual Arts Standard Level Yr 2 is a continuation of IB Visual Art Standard Level Yr 1. Students must complete both years and pass the IB exam to obtain the IB certificate.

IB VISUAL ART HIGHER LEVEL YR 1

HHS

Grade: 11, 12

Prerequisite: Intro to Art

Length: 1 Year

Credit: AR - .50 per semester

Students in IB Visual Arts Higher Level Yr 1 specialize in a particular genre, drawing, painting, or sculpture, and develop skills in their area of focus. This will allow students to cultivate a personal vision. 40% of the student planning, research, practice, play, and cataloging will be represented by their Sketchbook showing their learning. 60% of work will be represented in the development of artwork for a gallery space. The theme should express the deep personal desire of the student embedded in their concept of social responsibility.

IB VISUAL ART HIGHER LEVEL YR 2

HHS

Grade: 12

Prerequisite: IB Visual Art Higher Level YR 1

Length: 1 Year

Credit: AR - .50 per semester IB Visual Arts Higher Level Yr 2 is a continuation of IB Visual Art Higher Level Yr 1. Students must complete both years and pass the IB exam to obtain the IB certificate.

HEALTH ENHANCEMENT (HE)

HEALTH ENHANCEMENT 1

BSHS; HHS; SSHS; SHS

Grade: 9

Prerequisite: None

Length: 1 Year

Credit: HE - .50 per semester

This required course teaches the importance of practicing a healthy lifestyle. Students will have the opportunity to develop skills in a variety of activities including team, dual, outdoor pursuits, strength and conditioning, and rhythms. Basic fitness concepts are taught and students work toward improving and maintaining their fitness levels. In the classroom, age appropriate health concepts are learned in select health content areas (such as family life, substance abuse). Students learn and practice communication and decision making skills to enhance their health.

HEALTH ENHANCEMENT 2

BSHS; HHS; SSHS; SHS

Grade: 10

Prerequisite: Health Enhancement 1

Length: 1 Year

Credit: HE - .50 per semester

In this required course, students have the opportunity to practice a healthy active lifestyle and develop skills in a variety of activities that include team, dual and individual sports, outdoor pursuits, strength and conditioning, and rhythms. Students will assess their personal fitness levels and develop fitness programs based on personal needs and activity preferences. Throughout the year, students will work to improve and maintain their fitness levels. In the classroom, age appropriate health concepts are learned in select health content areas such as mental and emotional health, nutrition, and injury prevention. Students continue to practice communication and decision making skills to enhance their health.

PERFORM BETTER

BSHS

Grade: 9, 10, 11, 12

Prerequisite: Must also take or have taken Health Enhancement

Length: 1 Semester

Credit: HE - .50 per semester

Perform Better will teach students to move more effectively and more efficiently. Students will be exposed to agility, speed, balance, plyometrics, reaction and strength techniques. This course's unique strength teaches movement skills to correct body position, foot/ground relationship, balance and other variables that help students move quicker while expending less energy. **This class does not take the place of Health Enhancement 1 or 2.

BEGINNING WEIGHT TRAINING & CONDITIONING

BSHS; SSHS

Grade: 9, 10, 11, 12

Prerequisite: Health Enhancement 1 or 2, or concurrent enrollment

Length: 1 Semester

Credit: HE - .50 per semester

Students will learn correct lifting techniques as well as basic training principles and programs. Cardiovascular, conditioning, and flexibility are also emphasized. **This class does not take the place of Health Enhancement 1 or 2.

WEIGHT TRAINING & CONDITIONING

HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Health Enhancement 1 or 2, or concurrent enrollment or consent of instructor

Length: 1 Semester

Credit: HE - .50 per semester

This course allows the student to experience and develop lifting programs specific to their individual needs. Students will work to improve their fitness levels in the five health-related fitness components. ****This class does not take the place of Health Enhancement 1 or 2.**

ADVANCED WEIGHT TRAINING & CONDITIONING

BSHS

Grade: 9, 10, 11, 12

Prerequisite: Beginning Weight Training & Conditioning

Length: 1 Semester

Credit: HE - .50 per semester

Advanced weight training continues the development of Beginning Weight Training & Conditioning including fundamentals and advanced skill development. Students experience and develop lifting programs specific to their individual needs. They work to improve their fitness levels in the five health-related fitness components. ****This class does not take the place of Health Enhancement 1 or 2.**

FOCUS ON FITNESS

BSHS; HHS

Grade: 11, 12

Prerequisite: Health Enhancement 2 or consent of instructor

Length: 1 Semester

Credit: HE - .50 per semester

This course focuses on continuing and improving aerobic development, enjoying movement, and valuing physical activity and fitness in a student's life. Course activities emphasize all components of physical fitness and pursuit of an active lifestyle.

****This class does not take the place of**

Health Enhancement 1 or 2

LIFETIME ACTIVITY

BSHS; HHS

Grade: 11, 12

Prerequisite: Health Enhancement 2 or consent of instructor

Length: 1 Semester

Credit: HE - .50 per semester

Lifetime activities within our community are explored in pursuit of maintaining an active lifestyle. Students will continue and improve skill development, enjoy movement, and value physical activity and fitness throughout life. Activities emphasize and include team, racquet, and active lifestyles activities. ****This class does not take the place of Health Enhancement 1 or 2.**

TEAM SPORT CHALLENGE

BSHS; HHS

Grade: 11, 12

Prerequisite: Health Enhancement 2 or consent of instructor

Length: 1 Semester

Credit: HE - .50 per semester

This course is designed for students to focus on advanced skill development, rules, and strategies through the experience of a variety of team sports. Students master the concepts of teamwork and sportsmanship while improving fitness and learning lifelong skills. The goal is for students to practice socially acceptable behavior through participation in team sports. ****This class does not take the place of Health Enhancement 1 or 2.**

SPORT NUTRITION**BSHS; HHS****Grade:** 11, 12**Prerequisite:** Health Enhancement 2 or consent of instructor**Length:** 1 Semester**Credit:** HE - .50 per semester

This course is designed to teach students about nutrition and its role in improving performance for the serious student-athlete and fitness enthusiast. Students study human energy systems, the role of nutrients during exercise, body composition, current topics, and trends relative to fitness and sport. Students analyze personal diet plans, design meals in order to feel better and maximize performance. **This class does not take the place of Health Enhancement 1 or 2.

MATHEMATICS (MA)

ALGEBRA 1

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11

Prerequisite: Teacher recommendation

Length: 1 Year

Credit: MA - .50 per semester

The content of Algebra 1 is organized around families of functions, with special emphasis on linear, exponential, and quadratic functions. Students learn to represent functions verbally, as equations, tables, and graphs. They will also develop an understanding, interpret, and analyze functions in various applications. There is an emphasis on problem-solving and modeling real-world situations.

ALGEBRA 1A

SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: MA - .50 per semester

The content of Algebra 1A will be focused on linear functions. The students will learn to represent the functions verbally, as equations, and using tables and graphs. There will be extra emphasis on graphing and solving linear equations and linear systems and inequalities.

ALGEBRA 1B

SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: MA - .50 per semester

The content of Algebra 1B will begin with a review of writing, graphing, and solving linear equations and systems of linear equations. Students will continue studying polynomials and factoring and then move to graphing and solving quadratic equations with emphasis on factoring and solving. The course will conclude with right triangle trigonometry and simple probability and statistics.

ALGEBRA 1 ENHANCEMENT

BSHS; HHS; SSHS; SHS

Grade: 9

Prerequisite: Teacher recommendation and concurrent enrollment in Algebra 1

Length: 1 Year

Credit: EL - .50 per semester

This course focuses on reinforcing skills, problem solving strategies, test taking techniques, and mathematical practices in daily lessons that students are concurrently studying in Algebra 1.

FINANCIAL ALGEBRA (FA)

HHS

Grade: 11, 12

Prerequisite: Algebra 1

Length: 1 Year

Credit: MA - .50 per semester

This mathematical modeling course is algebra-based, applications-oriented, and technology-dependent. The course addresses college preparatory mathematics topics from Advanced Algebra, Statistics, Probability, Pre-Calculus, and Calculus under seven financial umbrellas: banking, investing, credit, employment, income taxes, automobile ownership, independent living, and retirement planning and household budgeting. This course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. The mathematics topics contained in this course are introduced, developed, and applied in an as-needed format in the financial setting covered.

GEOMETRY ENHANCEMENT

BSHS; HHS; SSHS; SHS

Grade: 9, 10

Prerequisite: Teacher recommendation and concurrent enrollment in Geometry

Length: 1 Year

Credit: EL - .50 per semester

This math study course focuses on reinforcing skills, problem solving strategies, test taking techniques, and mathematical practices in daily lessons that students are concurrently studying in Geometry.

GEOMETRY AND HONORS GEOMETRY

BSHS; HHS; SSHS; SHS

(Note: SSHS does NOT offer Honors Geometry)

Grade: 9, 10, 11, 12

Prerequisite: BSHS; SHS; SSHS: Algebra 1 or teacher recommendation
HHS: "C" or higher in Algebra 1 or teacher recommendation

Length: 1 Year

Credit: MA - .50 per semester

The content of Geometry focuses on students developing reasoning and problem-solving skills through the study of congruence and similarity, and on the properties of lines, triangles, quadrilaterals, circles, and trigonometry. They also develop skills to explain, visualize, apply, and link data to the concepts of length, perimeter, area, circumference, and volume to solve real-world problems.

IB MATHEMATICAL STUDIES STANDARD LEVEL

BSHS; HHS

Grade: 11, 12

Prerequisite: Algebra 2 "C" or higher

Length: 1 Year

Credit: MA - .50 per semester

This IB Mathematical Studies Standard Level course is for students with varied backgrounds and abilities. It is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies. Students taking this course should be already equipped with fundamental skills and rudimentary knowledge of basic processes. The following math concepts will be covered: introduction to the graphic display calculator, numbers and algebra sets, logic and probability, functions, geometry and trigonometry, statistics, introductory differential calculus, financial mathematics. Students electing to take this course for IB credit will complete an internal and external assessment during the course of the class.

ALGEBRA 2 AND HONORS ALGEBRA 2

BSHS; HHS; SHS

Grade: 9, 10, 11, 12

Prerequisite BSHS; SHS; SSHS: Geometry and teacher recommendation
HHS: Geometry or Honors Geometry "C" or higher and teacher recommendation

Length: 1 Year

Credit: MA - .50 per semester

The content of Algebra 2 includes polynomials, linear, quadratic, exponential, logarithmic, trigonometric, radical, and rational functions. These functions are represented verbally, algebraically, numerically, visually. The emphasis is on using these functions appropriately in real-world situations, solving problems that arise, extend to include complex situations, and interpret, evaluate, and justify data. Honors Algebra 2 students study additional topics, do math service work, career explorations, and research projects.

ALGEBRA 2 ENHANCEMENT**BSHS; HHS; SSHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** Teacher recommendation and concurrent enrollment in Algebra 2**Length:** 1 Year**Credit:** EL - .50 per semester

This math study course focuses on reinforcing skills, problem solving strategies, test taking techniques, and mathematical practices in daily lessons that students are concurrently studying in Algebra 2.

IB MATH STANDARD LEVEL YR 1**BSHS; HHS****Grade:** 11, 12**Prerequisite:** Honors Algebra 2 “C” or higher**Length:** 1 Year**Credit:** MA - .50 per semester

The IB Math Standard Level Yr 1 course is for students with knowledge of basic mathematical concepts who are able to apply simple mathematical techniques correctly. The course provides students with a sound mathematical background to prepare for future studies in subjects such as chemistry, economics, psychology, and business administration. Students will be introduced to important mathematical concepts through the development of mathematical techniques in a way that emphasizes subject comprehension as well as mathematical rigor. Student should, where possible, apply the acquired mathematical knowledge to solve realistic problems.

IB MATH STANDARD LEVEL YR 2**BSHS; HHS****Grade:** 12**Prerequisite:** IB Math Standard Level Yr 1**Length:** 1 Year**Credit:** MA - .50 per semester

The IB Math Standard Level Yr 2 is a continuation of IB Math Standard Level Yr 1. Students must complete both years and pass the IB exam to obtain the IB certificate

DISCRETE MATH**OPTION OF DUAL CREDIT UM-Missoula College dual credit course MATH 115****SSHS; SHS****Grade:** 11, 12**Prerequisite:** Algebra 2**Length:** 1 Year**Credit:** MA - .50 per semester

Discrete Math covers the content of the Montana University system course Math 115, “Probability and Linear Mathematics.” This course studies systems of linear equations and matrix algebra. It serves as an introduction to probability with emphasis on models and probabilistic reasoning. Examples of applications of the material in many fields are included.

FUNCTIONS, STATISTICS, AND TRIGONOMETRY**OPTION OF DUAL CREDIT with UM-Missoula College course MATH 115 at BSHS and HHS****BSHS; HHS; SHS****Grade:** 10, 11, 12**Prerequisite:** BSHS; SHS: Algebra 2 or consent of instructor HHS: Algebra 2 with “C” or higher or consent of instructor**Length:** 1 Year**Credit:** MA - .50 per semester

This is a college preparatory class for the student who intends to get a degree in a non-math related field. The course will provide the student with a broad background for dealing with college math classes other than calculus. The class will be taught from a problem-solving perspective and cover such topics as probability, trigonometry, statistics, functions, matrices and their application, linear programming and other items found on college placement tests. There is considerable emphasis on the use of technology in problem solving. Computers and graphing calculators are used. The course should be taken before Pre-Calculus.

PRE-CALCULUS**OPTION OF DUAL CREDIT with UM-Missoula College course MATH 151****BSHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** Function, Statistics & Trigonometry**Length:** 1 Year**Credit:** MA - .50 per semester

Students in Pre-Calculus will further develop mathematical competencies in all object areas previous to the study of calculus. They will study real-world problems with attention paid to clear communication of results. They will further their studies of exponential, logarithmic, and trigonometric functions. Further studies of analytic geometry, polar and parametric equations will be made. In addition, students will begin a conceptual study of derivatives and integrals. Supporting arguments by proof will be taught.

HONORS PRE-CALCULUS**OPTION OF DUAL CREDIT with UM-MISSOULA COLLEGE course MATH 151****HHS; SSHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** SHS; SSHS: Function, Statistics & Trigonometry or Honors Algebra 2
HHS: Function, Statistics & Trigonometry or Honors Algebra 2 with "C" or higher**Length:** 1 Year**Credit:** MA - .50 per semester

An Honors option is offered either as a separate class or as part of the regular Pre-Calculus class. In addition, the honors student must complete additional material, do math service work, do a career exploration project, and complete a research project.

STATISTICS 216**OPTION OF DUAL CREDIT with Helena College course STATS216****SSHS****Grade:** 11, 12**Prerequisite:** 25 on ACT or pass COMPASS test with appropriate score**Length:** 1 Semester**Credit:** MA - .50 per semester

The topics for statistics are: descriptive statistics, probability, probability distributions, normal distributions, confidence intervals, Z tests, T tests, Chi-Square, inferential statistics including both one and two populations, p-values and hypothesis testing. Dual enrollment paperwork must be completed through Helena College before the deadline to get credit and 70% is needed to pass.

TECHNICAL MATHEMATICS (MAT 111)**OPTION OF DUAL CREDIT TOWARDS CERTIFICATION with UM-Missoula College course MATH 111****BSHS; HHS; SSHS; SHS****Grade:** 11, 12**SHS; SSHS Prerequisite:** Geometry**HHS Prerequisite:** Geometry with "C" or higher**Length:** 1 Year**Credit:** MA - .50 per semester

This course is designed for those interested in pursuing a technical or vocational certification or career. The course includes fractions, decimals, ratios, proportions, formulas, and word problems. Topics studied are metric and American measurements systems, linear equations, algebra, practical geometry, solid figures, and basic trigonometry.

ADVANCED PLACEMENT (AP) STATISTICS**BSHS; HHS; SHS****Grade:** 10, 11, 12**Prerequisite:** Geometry**Length:** 1 Year**Credit:** MA - .50 per semester

The topics for AP statistics are divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Upon passing AP tests at the appropriate level, students may earn college credit in Statistics.

ADVANCED PLACEMENT (AP) CALCULUS AB**BSHS; HHS; SSHS; SHS****Grade:** 11, 12**Prerequisite:** BSHS; SSHS; SHS: Pre-Calculus HHS: Honors Pre-Calculus with "C" or higher**Length:** 1 Year**Credit:** MA - .50 per semester

This is an advanced placement class in Calculus with goals and objectives specified by the College Board Calculus AB curriculum. Upon passing the AP test, students may earn college credit for Calculus.

ADVANCED PLACEMENT (AP) CALCULUS BC**BSHS; SSHS; SHS****Grade:** 11, 12**Prerequisite:** AP Pre-Calculus AB or teacher recommendation**Length:** 1 Year**Credit:** MA - .50 per semester

This is an advanced placement class in Calculus with goals and objectives specified by the College Board Calculus BC curriculum. It includes more advanced topics than the Calculus AB curriculum. Upon passing the AP test, students may earn college credit for Calculus.

SCIENCE (SC)

BIOLOGY 1

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: IESPS or Consent of Instructor

Length: 1 Year

Credit: SC - .50 per semester

Biology 1 students, through the inquiry process, demonstrate knowledge of characteristics, structures, and function of living things, the process and diversity of life, and how living organisms interact with each other and their environment. Students will also demonstrate the knowledge of properties, forms, changes, and interactions of physical and chemical systems. The following subject areas will be addressed: Cells, Heredity, Evolution, and Ecology. This course is required.

ADVANCED PROBLEMS IN SCIENCE

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Minimum GPA or 3.0 and Consent of Instructor

Length: 1 Year

Credit: SC - .50 per semester

This independent project course is designed for students who wish to pursue an in-depth study of a scientific topic of special interest to them. The studies consist of an intensive literature search followed by detailed scientific investigations. The topic selected for study may be in any area of science, mathematics, or computers. The successful completion of independent projects is strongly weighted by highly competitive universities in granting student entrance and in providing scholarships. Students enter reports on their projects in a series of academic science events.

AP BIOLOGY

SHS

Grade: 9, 10, 11, 12

Prerequisite: Chemistry 1

Length: 1 Year

Credit: SC - .50 per semester

THIS COURSE FULFILLS THE LIFE SCIENCE REQUIREMENT.

All major biological concepts are developed in this Advanced Placement (AP) general biology course. Taught at the introductory college level, life is investigated from the molecular level to the interaction of organisms in ecosystems. Probable explanations of current biological problems are explored. Although not a requirement, students may obtain college credit for this course by taking the national A.P. Exam in May.

BIOLOGY 2

BSHS; HHS; SSHS

Grade: 10, 11, 12

Prerequisite: Biology 1 with a grade of "C" or better; or Consent of Instructor

Length: 1 Year

Credit: SC - .50 per semester

Biology 2 is an inquiry based course for students seeking to explore biology concepts in greater depth than is generally available in a traditional survey biology course. Students and teachers will work to foster understanding of: 1) the process of science, 2) the interdisciplinary nature of the new biology and 3) how science is closely integrated within society. This inquiry course is designed to be interactive, student centered, collaborative, cooperative, and relevant. Students will participate in authentic research experiences and learn to evaluate complex biological problems from a variety of perspectives.

BIOLOGY 2: BIOTECHNOLOGY & TECHNICAL WRITING

BSHS

Grade: 11, 12

Prerequisite: Biology 1

Length: 1 Year

Credit: SC - .50 per semester

The biotechnology field is rapidly expanding and offers a diverse array of employment opportunities. This class will introduce students to molecular biology and technical writing through a laboratory-based approach. Topics covered will include Biotechnology Methodologies, Biology and Chemistry for Biotechnicians, Recombinant DNA Technology, Agricultural and Pharmaceutical Biotechnology, DNA and Protein Studies, and Writing for Publication. Biology 2: Biotechnology & Technical Writing will prepare students for entry-level positions as technicians at laboratory facilities located in the Northwest.

INTEGRATED EARTH, SPACE & PHYSICAL SCIENCE (IESPS)

BSHS; HHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: SC - .50 per semester

Through the inquiry process, students demonstrate knowledge of composition, structures, processes, and interactions of Earth's systems and other objects in space. Students will also demonstrate the knowledge of properties, forms, changes, and interactions of physical and chemical systems. The following subject areas will be addressed: Astronomy, Earth's History and Forces, Meteorology, and Earth's Chemistry. This course is required.

IB SPORTS, EXERCISE & HEALTH SCIENCES

BSHS; HHS

Grade: 11, 12

Prerequisite: BSHS: Earth Science; Biology 1; HHS: Algebra 2; Earth Science; Biology 1; Physical Science

Length: 1 Year

Credit: SC - .50 per semester

This course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition, which are studied in the context of sport, exercise and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise, and health relative to the individual and in a global context.

IB BIOLOGY HIGHER LEVEL YR 1

BSHS; HHS

Grade: 11, 12

Prerequisite: Biology 1

Length: 1 Year

Credit: SC - .50 per semester

IB Biology Higher Level Yr 1 covers the relationship of structure and function at all levels of complexity. Students learn about cell theory, the chemistry of living things, plant science and genetics, among many other topics to further their understanding of and learning about biology. Throughout this challenging course, students become aware of how scientists work and communicate with each other. Further, students enjoy multiple opportunities for scientific study and creative inquiry within a global context.

IB BIOLOGY HIGHER LEVEL YR 2

BSHS; HHS

Grade: 12

Prerequisite: IB Biology Higher Level Yr 1

Length: 1 Year

Credit: SC - .50 per semester

IB Biology Higher Level Yr 2 is a continuation of IB Biology Higher Level Yr 1. Students must complete both years and pass the IB exam to obtain the IB certificate.

ECOLOGY

BSHS

Grade: 12

Prerequisite: Biology 1

Length: 1 Year

Credit: SC - .50 per semester

This Ecology course is designed for those students wanting a deeper understanding of how organisms (including humans) interact with their environment. Ecology seeks to explain the vital connections between living organisms and the world around them. The interdisciplinary nature of ecology makes this course an opportunity to take a more holistic approach to learning than a traditional science course. Students will participate in field studies, research projects, inquiry experiences and nature journaling as a means to investigate complex ecological problems from a variety of perspectives. Experiential and place-based learning will also be emphasized.

AP ENVIRONMENTAL SCIENCE

SHS

Grade: 9, 10, 11, 12

Prerequisite: The AP Environmental Science course is an excellent option for any interested student who has completed two years of high school laboratory science – one year of life science and one year of physical science (for example, a year of biology and a year of chemistry). Due to the quantitative analysis that is required in the course, students should also have taken at least one year of algebra. Also desirable (but not necessary) is a course in earth science. Because of the prerequisites, AP Environmental Science will usually be taken in either the junior or senior year.

Length: 1 Year

Credit: SC - .50 per semester

The goal of the AP 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. The AP Environmental Science course is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science or, alternatively, to fulfill a basic requirement for a laboratory science and thus free time for taking other courses. In both breadth and level of detail, the content of the course reflects what is found in many introductory college courses in environmental science.

HUMAN ANATOMY & PHYSIOLOGY

BSHS; SSHS; SHS

Grade: 10, 11, 12

Prerequisite: Biology 1 at BSHS & SSHS; Grade of “C” or better in Biology 1, AP Biology or Consent of Instructor at SHS

Length: 1 Year

Credit: SC - .50 per semester

Human Anatomy & Physiology is an advanced elective course for those students wanting a deeper understanding of the structure and function of the human body. The body will be viewed as a whole using anatomical terminology necessary to describe cellular functions, biochemical processes, tissue interactions, organ systems, and the interaction of those systems as it relates to the human organism. Systems covered include integumentary, skeletal, muscular, respiratory, circulatory, digestive, excretory, reproductive, immunological, nervous, and endocrine.

NATURAL RESOURCES CONSERVATION

BSHS

Grade: 10, 11, 12

Prerequisite: 1 year of High School Science

Length: 1 Year

Credit: SC - .50 per semester

Natural Resources Conservation is a course designed to meet the needs of students interested in learning more about all of the natural resources that are of great concern to the people of Montana. The course will explore a variety of different topics, which will give students the ability to recognize and analyze the diverse natural resource concerns in our region. Topics covered in this course will be selected from the following subject areas: History of Resource Conservation, Dendrology, Wildlife, Timber, Cartography, Fire, Native American Resource Utilization, Timber Management/Products, Resource Management Tools, Career Opportunities.

WILDLIFE BIOLOGY

HHS; SSHS; SHS

Grade: 10, 11, 12

Prerequisite: Grade of "C" or better in Biology 1, AP Biology or Consent of Instructor

Length: 1 Year

Credit: SC - .50 per semester

Wildlife Biology covers the current and historical management and conservation of wildlife. Life history, the role of habitat and management tools and techniques are underlying themes. Current issues and social implications of management decisions are included.

GEOLOGY

BSHS

Grade: 10, 11, 12

Prerequisite: Biology 1 & Algebra 1

Length: 1 Year

Credit: SC - .50 per semester

The study of geology examines the composition of the Earth and seeks to understand the many processes that operate beneath and upon the Earth's surface. Understanding these processes allows for the chronological arrangement of the many physical and biological changes that have occurred in the geologic past. This course employs many hands-on and local field-based experiences.

ALTERNATIVE ENERGY SYSTEMS

BSHS

Grade: 10, 11, 12

Prerequisite: IESPS

Co-Requisite: Biology 1

Length: 1 Year

Credit: SC - .50 per semester

The goal of this course is to increase student and community awareness of energy issues, implement an alternative energy plan and encourage students to pursue careers in the alternative energy and energy-efficient sector. Students will analyze the current energy paradigm, learn to make decisions that align with the concept of sustainable energy use and production, design and conduct energy-related research and become knowledgeable about the professions in the energy sector.

CHEMISTRY 1**BSHS; HHS; SSHS; SHS****Grade:** 10, 11, 12**Prerequisite:** Biology 1 & Geometry**Length:** 1 Year**Credit:** SC - .50 per semester

Chemistry 1 is the study of the relationship between properties of matter and its structure. Chemistry 1 requires students to move among three domains of thought: macroscopic domain of observable phenomena, the submicroscopic domain of molecules, atoms, and subatomic particles, and the symbolic and mathematical domain of chemical formulas, equations, and symbols. Chemistry 1, first and foremost, is an inquiry-based science course.

CHEMISTRY 2**BSHS; HHS; SHS****Grade:** 11, 12**Prerequisite:** Chemistry 1 (passing grade) & Algebra 2 or greater**Length:** 1 Year**Credit:** SC - .50 per semester

Chemistry 2 expands on the concepts introduced in Chemistry 1. Chemistry 2, as an inquiry-based science, stresses the application of experiments, learning strategies, and problem solving skills. The experiments in Chemistry 2 include higher level lab skills and utilization of math skills. Successful completion of Chemistry 2 is recommended for students who intend to pursue science-related careers in college.

CHEMISTRY 3**BSHS****Grade:** 12**Prerequisite:** Chemistry 2**Length:** 1 Year**Credit:** SC - .50 per semester

Chemistry 3 expands on the concepts covered in Chemistry 2. Chemistry 3, as an inquiry-based science, stresses the application of experiments, learning strategies, and problem solving skills. The experiments in Chemistry 3 include higher level lab skills and utilization of math skills. Successful completion of Chemistry 3 is recommended for students who intend to pursue science-related careers in college.

AP CHEMISTRY**SHS****Grade:** 11, 12**Prerequisite:** Chemistry 1 & Algebra 2**Length:** 1 Year**Credit:** SC - .50 per semester

Advanced Placement (AP) Chemistry is designed to be the equivalent of a general college chemistry course taken during the first year of college. Students will obtain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. AP Chemistry will contribute to the student's ability to think clearly and logically and be able to express ideas. Although not a requirement, students may obtain college credit for this course by taking the national A.P. Exam in May.

IB CHEMISTRY STANDARD LEVEL YR 1**BSHS****Grade:** 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** SC - .50 per semester

IB Chemistry Standard Level Yr 1 combines academic study with the acquisition of practical and investigational skills through the experimental approach. Students learn the chemical principles that underpin both the physical environment and biological systems through the study of quantitative chemistry, periodicity, kinetics, and other subjects. IB Chemistry Standard Level Yr 1 covers the essential principles of the subject and, through selection of option.

IB CHEMISTRY HIGHER LEVEL YR 1

BSHS

Grade: 11, 12

Prerequisite: Chemistry 1

Length: 1 Year

Credit: SC - .50 per semester

Though studying IB Chemistry, students should become aware of how scientists work and communicate with each other and here is an emphasis on a practical approach through experimental work. Students learn the chemical principles that underpin both the physical environment and biological systems through the study of quantitative chemistry, periodicity, kinetics and other subject. The chemistry course is organized by topics with SL students having the study eleven topics and higher level (HL) students having to investigate nine of these topics to a greater depth. Both SL and HL students are responsible for covering two of seven option topics. The power of scientific knowledge to transform societies is unparalleled. It has the potential to produce great universal benefits or to reinforce inequalities and cause harm to people and the environment. In line with the IB mission statement, group 4 students need to be aware of the moral responsibility of scientists to ensure that scientific knowledge and data are available to all countries on an equitable basis and that they have the scientific capacity to use this for developing sustainable societies.

IB CHEMISTRY STANDARD LEVEL YR 2

BSHS; HHS

Grade: 12

Prerequisite: IB Chemistry Standard Level Yr 1

Length: 1 Year

Credit: SC - .50 per semester

IB Chemistry Standard Level Yr 2 is a continuation of IB Chemistry Standard Level Yr 1. Students must complete both years and pass the IB exam to obtain the IB certificate.

IB ENVIRONMENTAL SYSTEMS & SOCIETIES STANDARD LEVEL

HHS

Grade: 11, 12

Prerequisite: IESPS and Biology 1

Length: 1 Year

Credit: SC - .50 per semester

IB Environmental Systems & Societies Standard Level aims to promote understanding of environmental processes at a variety of scales, from local to global. The course provides students with a body of knowledge, methodologies and skills that can be used in the analysis of environmental issues at local and global levels. Students will be able to recognize the extent to which technology plays a role in both causing and solving environmental problems. They will be able to appreciate the value of local as well as international collaboration in resolving environmental problems and appreciate that environmental issues may be controversial and may provoke a variety of responses. Students will appreciate that human society is both directly and indirectly linked to the environment at a number of levels and at a variety of scales.

PHYSICS 1

BSHS; HHS; SHS

Grade: 11, 12

Prerequisite: Algebra 2 or concurrent enrollment

Length: 1 Year

Credit: SC - .50 per semester

Physics 1 is an attempt to understand the universe, and is therefore, a study of matter, energy, and their interactions. The interactions occur from the level of cosmic phenomena to the level of fundamental forces and particles, inclusive of all levels in between. The topics studied include the Laws of Motion, Conservation Principles of Momentum and Energy, Gravitational Effects, Behavior of Light, and Electrical Phenomena.

PHYSICS 2**BSHS; HHS****Grade:** 11, 12**Prerequisite:** Physics 1**Length:** 1 Year**Credit:** SC - .50 per semester

In the second year of physics, students attempt to further understand the universe through the study of matter, energy, and their interactions. The interactions occur on the level of cosmic phenomena, to that of the fundamental forces and particles, inclusive of all levels in between. In this second year of investigation of laws of motion, conservation principles of momentum and energy, gravitational effects, behavior of models to describe natural phenomena through laboratory experiences.

AP PHYSICS 1**SHS****Grade:** 11, 12**Prerequisite:** Algebra 2 or concurrent enrollment**Length:** 1 Year**Credit:** SC - .50 per semester

Advanced Placement (AP) Physics 1 is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Although not a requirement, students may obtain college credit for this course by taking the national A.P. Exam in May.

AP PHYSICS 2**SHS****Grade:** 11, 12**Prerequisite:** AP Physics 1**Length:** 1 Year**Credit:** SC - .50 per semester

Advanced Placement (AP) Physics 2 is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Although not a requirement, students may obtain college credit for this course by taking the national A.P. Exam in May.

SOCIAL STUDIES (SS)

WORLD GEOGRAPHY

BSHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: SS - .50 per semester

This course surveys Human World Geography, correlated with the five major themes of geography: location, place, human-environmental interaction, movement, and region. Students explore a global perspective needed in a changing world and economic connections that shape our lives. Current events and their connections to cultural and physical geography comprise a regular part of the course.

HUMAN GEOGRAPHY

HHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: SS - .50 per semester

Human geography is the branch of geography that deals with the world, its people and their communities, cultures, economies and interaction with the environment.

AP HUMAN GEOGRAPHY

SHS

Grade: 9, 10, 11, 12

Prerequisite: There are no prerequisites for AP Human Geography; however, students who have experience with world geography, world history, or earth science may more easily address the objectives of this course. Experience with reading and interpreting data in various forms (e.g., graphs and maps) would also be beneficial.

Co-Requisite: Students entering an AP Human Geography course should possess fundamental skills in composition and inquiry (research)

Length: 1 Year

Credit: SS - .50 per semester

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research applications.

UNITED STATES GOVERNMENT AND THE POLITICAL ECONOMY

BSHS; HHS; SSHS; SHS

Grade: 12

Prerequisite: None

Length: 1 Year

Credit: SS - .50 per semester

Government and the U. S. Political Economy empower students to be effective, responsible citizens. Students examine principles central to U. S. government and economics, explore the structure of national and local governments, and investigate the dynamic world of political-economic life.

AP UNITED STATES GOVERNMENT AND THE POLITICAL ECONOMY**HHS; SSHS; SHS****Grade:** 11, 12**Prerequisite:** US History or World History**Length:** 1 Year**Credit:** SS - .50 per semester

AP United States Government and the Political Economy explores the historical origins of the American political system and the links among people, their government, and the institutions of United States Government. This rigorous course covers the process and products of national policymaking. To enable students to earn college credit in political science by passing a national exam, AP Government uses a college text, scholarly readings, and political research. Students engage in demanding activities including reading, researching, writing, note taking, group and individual projects, focused, seminar-style class discussions, and dialogue with speakers on important political issues.

UNITED STATES HISTORY**BSHS; HHS; SSHS; SHS****Grade:** 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** SS - .50 per semester

This course surveys United States history with an emphasis on the 20th century. The focus of this course is to stress the democratic ideals that shaped our country, the responsible citizenship that sustains us, the cultural diversity that enriches us, the global perspective that we need in an ever-changing world, and the economic connections that impact our lives. Students develop and use a variety of skills including accessing, organizing, analyzing, applying, presenting (oral and written), and reporting information in the context of course content. Students engage in note taking, research, individual and group projects, presentations (including multimedia), simulation exercises, debates, and performance tasks.

AP UNITED STATES HISTORY**HHS; SSHS; SHS****Grade:** 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** SS - .50 per semester

AP United States History provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical materials for relevance to given interpretive problems, reliability, and importance. Students develop the skills to arrive at conclusions on the basis of informed judgments and to present evidence clearly and persuasively in essay format. In addition to exposing students to the historical content listed above, the AP course trains students to analyze and interpret primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence of historical events.

US HISTORY/ENGLISH 3**BSHS; HHS; SHS****Grade:** 11**Prerequisite:** English 2**Length:** 1 Year**Credit:** SS - .50 per semester

This class allows students to see the interconnection between American history and American literature. It surveys U.S. history with an emphasis on the 20th Century. The class explores the democratic ideas that shaped us, the responsible citizenship that sustains us, the cultural diversity that enriches us, and the global perspectives needed in an ever-changing world. Economic issues and current affairs are woven into the class. Students will use develop a variety of skills including researching, accessing, organizing, analyzing, and presenting information orally and in written form. Students will take notes, complete projects, take part in simulations, and engage in debate and discussions.

SOCIOLOGY AND CRIMINOLOGY**BSHS; HHS; SSHS; SHS****Grade:** 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** SS - .50 per semester

In Sociology and Criminology, students study human social behavior from a group perspective, including recurring patterns of attitudes and actions and how these patterns vary across time, among cultures, and in social groups. This emphasis on sociology provides students the background needed to grasp the concepts of criminology: crime, criminals, courts, and corrections. Criminology explores alternative behaviors and lifestyles that evolve out of the mainstream to contradict the norm. Guest speakers and field trips add vitality to the course. Students also participate in role playing and simulations. They create multimedia projects, read, take notes, and do research.

WORLD ISSUES SEMINAR**BSHS; HHS; SSHS; SHS****Grade:** 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** SS - .50 per semester

Through exploration of current issues, students will increase their understanding of contemporary affairs. In an increasingly global and complex world it becomes imperative that citizens are informed about the causes and consequences of world events. The course stresses the responsibility of students to fellow humans and the environment in our interdependent world. The teaching methods include journal writing, papers, oral presentations, research, group activities, book critiques, and multimedia projects.

HONORS MODERN WORLD HISTORY / HONORS ENGLISH 2**HHS****Grade:** 10**Prerequisite:** English 1**Length:** 1 Year**Credit:** EN/SS - .50 per semester

A collaborative approach to the study of World Cultures, this course includes credit for World History and Honors Sophomore English. This is a rigorous course of study designed to provide students with a college experience, which will prepare them for IB and advanced History classes. It emphasizes the dynamic interdependence and evolutionary nature of world history and culture. While world history and literature are the primary focus, the importance of art, music philosophy, science and technology is also explored. Teachers emphasize close-reading and writing (informational, narrative, argument, research, literary and comparison/contrast) in preparation for IB classes at the junior and senior levels. All activities are aligned to State standards.

AP WORLD HISTORY/ ENGLISH 2 HONORS**SHS****Grade:** 10**Prerequisite:** English 1**Length:** 1 Year**Credit:** EN/SS - .50 per semester

This is a rigorous course of study that challenges students on an intellectual level but at the same time students will leave the course with a set of skills that will transfer to all academic disciplines and to life outside of academia. The Honors English 2/AP World History course is designed to provide students with a college experience prepare them for the AP World History Exam and build an understanding about the shared experience and literature of all human beings. The course emphasizes the connection between the world history curriculum and world literature. The course focuses on reading argumentative writing and the analysis of a variety of sources while addressing Common Core Standards. This is a preparatory class for AP Literature and Language and AP Composition. Students in this course are also eligible to take the AP World History Exam during the spring semester.

MODERN WORLD HISTORY**BSH; HHS; SSHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** EN/SS - .50 per semester

Modern World History examines major turning points in the shaping of the modern world, from the late eighteenth century to the present. The course will emphasize the growing interdependence of people and cultures throughout the world. Students investigate the roles that geography, religion, culture, and politics play in the shaping of modern civilization. Students explore political, economic, and social systems of the last two centuries. They investigate current issues in order to integrate events of the past to contemporary affairs. Students participate in a variety of learning experiences including note taking, group projects, research, multi-media presentations, simulation exercises, and role playing. Classes integrate literature and the fine arts with the study of history.

AP WORLD HISTORY**SHS****Grade:** 10**Prerequisite:** None**Length:** 1 Year**Credit:** SS - .50 per semester

This Advanced Placement (AP) World History course provides students with rigorous investigation into the historical past from 8000 B.C.E. to the present with a focus on historical thinking skills, five key themes in World History, and 19 key concepts. Although not a requirement, students may obtain college credit for this course by taking the national A.P. Exam in May.

PSYCHOLOGY**BSHS; HHS; SSHS; SHS****Grade:** 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** SS - .50 per semester

Psychology begins the student's exploration into the science of human behavior. Designed to help students explore who they are and what motivates them and others, this class investigates how people develop thinking patterns and why some act abnormally. Varied instructional strategies include uses of video-related materials, experiments, case studies, critical thinking skill development, multimedia projects, and collaborative teaching methods. The course provides a rich experience for students of all abilities. Students gain a greater appreciation of their own abilities, see how these abilities differ from those of others, and learn the fascination of complex humanity.

IB HISTORY OF THE AMERICAS 11 HIGHER LEVEL**BSHS; HHS****Grade:** 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** SS - .50 per semester

Students taking IB History of the Americas Higher Level learn to better comprehend the present by reflecting critically on the past. They gain understanding developments at national, regional, and international levels and learn about their own historical identity through the study of the historical experiences of different cultures. Students review the founding of the United States, Canada and Mexico. Then students follow historical developments in the America's through the late-twentieth centuries. Upon successful completion of this course, students may take IB 20th Century Topics in their senior year.

IB 20th CENTURY TOPICS 12 HIGHER LEVEL

BSHS; HHS

Grade: 12

Prerequisite: IB History of the Americas

Length: 1 Year

Credit: SS - .50 per semester

IB 20th Century Topics focuses on global historical events of the 20th century. Topics include a study of the rise of authoritarian and single-party states, the causes, practices, and effects of war, and the Cold War. At the successful completion of IB History of the Americas Higher Level 1 and this course, students are eligible to sit for the IB Higher Level History examination in May of their senior year.

SPECIALIZED PROGRAMS (SP)

ALGEBRA 1 – TITLE

BSHS; SSHS

Grades: 9

Co-Prerequisite: Algebra 1 Enhancement – Title

Length: 1 Year

Credit: EL - .50 per semester

The content of Algebra 1 – Title is organized around algebraic expressions, equations and functions. Students are introduced to families of functions, with special emphasis on linear functions. Students learn to represent functions verbally, as equations, tables and graphs. They will also develop an understanding, interpret, and analyze function in various applications. There is an emphasis on problem-solving and modeling real-world situations.

ALGEBRA 1 ENHANCEMENT – TITLE

BSHS

Grades: 9

Co-Prerequisite: Algebra 1 – Title

Length: 1 Year

Credit: EL - .50 per semester

This course focuses on reinforcing skills, problem solving strategies, test taking techniques and mathematical practices in daily lessons that students are concurrently studying in Algebra 1-Title.

ALGEBRA 1/GEOMETRY ENHANCEMENT – TITLE

BSHS; SSHS

Grades: 10

Prerequisite: Algebra 1 - Title

Co-Prerequisite: Algebra 1/Geometry – Title

Length: 1 Year

Credit: EL - .50 per semester

This course focuses on reinforcing skills, problem solving strategies, test taking techniques and mathematical practices in daily lessons that students are concurrently studying in Algebra 1/Geometry-Title.

ADVANCED EXPLORING EXCEPTIONALITIES

SHS

Grade: 11, 12

Prerequisite: Exploring Exceptionalities

Length: 1 Semester

Credit: EL - .50 per semester

This course is the third in a sequence designed to give the student advanced practical experience in working with students with disabilities in classroom activities. Students will assist in the implementation of the individual pupil education plans on a daily basis. Participation in this class will offer students the opportunity to further explore special education as a future career choice.

ENGLISH AS A SECOND LANGUAGE (ESL) (IMMERSION)

HHS

Grade: 9, 10, 11, 12

Prerequisite: Counselor or instructor recommendation

Length: 1 Year

Credit: EL - .50 per semester

Students are enrolled in the course on the basis of counselor or teacher recommendation or on the basis of scores from the English Language Proficiency Test. English as a Second Language is designed to instruct non-native English speakers in English language skills. Emphasis is on listening, speaking, reading, and writing skills. Language concepts, vocabulary, language structures, study skills, and American culture are taught.

ESL ENGLISH BEGINNING & INTERMEDIATE**HHS****Grade:** 9, 10, 11, 12**Prerequisite:** Counselor or instructor recommendation**Length:** 1 Year**Credit:** EL - .50 per semester

Students are enrolled in the course on the basis of counselor or teacher recommendation or on the basis of scores from the English Language Proficiency Test. The focus of this course is on developing reading and writing skill in English for non-native English speakers. Students are exposed to short stories, novels, poetry and essays. Students also learn how to write paragraphs and research and write reports.

ESL ENGLISH ADVANCED**HHS****Grade:** 9, 10, 11, 12**Prerequisite:** Counselor or instructor recommendation**Length:** 1 Year**Credit:** EL - .50 per semester

Students are enrolled in the course on the basis of counselor or teacher recommendation or on the basis of scores from the English Language Proficiency Test. Students will be exposed to short stories, plays, poetry, and novels, view films, listen to guest speakers, write critical reviews, collaborate in small groups, participate in a research project and give presentations.

EXPLORING EXCEPTIONALITIES**BSHS; SSHS; SHS****Grade:** 10, 11, 12**Prerequisite:** Introduction to Exceptionalities**Length:** 1 Semester**Credit:** EL - .50 per semester

This course is designed to give the student practical experience in working with students with disabilities in classroom activities. Students will assist in the implementation of the individual pupil education plans on a daily basis. Participation in this class will offer students the opportunity to explore special education as a future career choice.

INDEPENDENT READING**SHS****Grade:** 9, 10, 11, 12**Prerequisite:** Not Repeatable**Length:** 1 Semester**Credit:** EL - .50 per semester

If you like to read, this is your opportunity to read the books you want and get credit. Students will be assigned to study hall, but will meet with the librarians to plan a reading program and to take Reading Counts tests. The course will have no homework per se, but students will be expected to read the equivalent of study hall time—approximately 245 minutes each week.

INTRODUCTION TO EXCEPTIONALITIES**BSHS; SSHS; SHS****Grade:** 10, 11, 12**Prerequisite:** Consent of Instructor**Length:** 1 Semester**Credit:** EL - .50 per semester

Students will receive instruction in techniques of working with and learning about the student with disabilities. Students enrolling in this program will be given the opportunity to work with students with disabilities attending Missoula County High Schools in their daily classroom settings.

NATIVE AMERICAN STUDIES

BSHS; HHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: EL - .50 per semester

This course is open to any student who wishes to survey and explore the rich heritage of American Indian Culture. Students will engage in a variety of enriching experiences including but not limited to urban identity, elders, and guest speakers, research, family genealogy, storytelling, preservation of cultural art, traditional dancing, drumming and singing, and individual and group projects. This is a great hands-on opportunity to learn and experience American Indian culture and tradition from the past, present and future.

LITERACY 1

BSHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Consent of Instructor

Length: 1 Semester

Credit: EL - .50 per semester

Literacy 1 is designed to strengthen students' reading and writing skills and, therefore, enable them to experience increased benefit from their high school course work. It is anchored in research based methods, continuous feedback, and multiple approaches to acquiring and improving student skills. This class is appropriate for student enrollment based on teacher recommendations and/or assessments that demonstrate a need for increased proficiency.

LITERACY 2

BSHS; SSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Consent of Instructor

Length: 1 Semester

Credit: EL - .50 per semester

Literacy 2 is designed to as a continuation of Literacy 1 to strengthen students' reading and writing skills and, therefore, enable them to experience increased benefit from their high school course work. It is anchored in research based methods, continuous feedback, and multiple approaches to acquiring and improving student skills. This class is appropriate for student enrollment based on teacher recommendations and/or assessments that demonstrate a need for increased proficiency.

PEER TUTORING

BSHS

Grade: 10, 11, 12

Prerequisite: None

Length: 1 Semester

Credit: EL - .50 per semester

Peer tutoring is a class that offers students the opportunity to work one on one with peers to help with academics, organization and assignments.

READING – ENGLISH 1, T1

BSHS; SSHS

Grade: 9

Prerequisite: Test Scores, Counselor/Teacher Referral

Length: 1 Year

Credit: EL - .50 per semester

Students must qualify for this course with prior enrollment in a specialized support program. Standardized test scores, grade point average, and/or referrals are also utilized. This class is a highly structured program (Read 180) where students participate in large group instruction at the beginning and end of each class, small group instruction, modeled and independent reading, and computer assisted instruction. All activities are aligned to State standards.

READING – ENGLISH 1

SHS

Grade: 9, 10

Prerequisite: Test Scores, Counselor/Teacher Referral

Length: 1 Year

Credit: EL - .50 per semester

Students must qualify for this course with prior enrollment in a specialized support program. Standardized test scores, grade point average, and/or referrals are also utilized. This class is a highly structured program (Read 180) where students participate in large group instruction at the beginning and end of each class, small group instruction, modeled and independent reading, and computer assisted instruction. All activities are aligned to State standards.

READING – ENGLISH 2, T1

BSHS; SSHS

Grade BSHS: 10

SSHS: 11

Prerequisite: BSHS Reading-English 1, T1

SSHS Test Scores, Counselor/Teacher Referral

Length: 1 Year

Credit: EL - .50 per semester

BSHS: Students must qualify for this course with prior enrollment in a specialized support program. Standardized test scores, grade point average, and/or referrals are also utilized. This class is a modified English class. All activities are aligned to State standards.

SSHS: Students must qualify for this course with prior enrollment in a specialized support program. Standardized test scores, grade point average, and/or referrals are also utilized. This class is a highly structured program (Read 180) where students participate in large group instruction at the beginning and end of each class, small group instruction, modeled and independent reading, and computer assisted instruction. All activities are aligned to State standards.

READING – ENGLISH 3, T1

BSHS

Grade: 11

Prerequisite: English 2, T1

Length: 1 Year

Credit: EL - .50 per semester

Students must qualify for this course with prior enrollment in a specialized support program. Standardized test scores, grade point average, and/or referrals are also utilized. This class is a modified English class. All activities are aligned to State standards.

READING/ENGLISH 4, T1

BSHS

Grade: 12

Prerequisite: Title I; Test Scores, Counselor/Teacher Referral

Length: 1 Year

Credit: EL - .50 per semester

Students must qualify for this course with prior enrollment in a specialized support program, standardized test scores, and/or referrals are also utilized. This class focuses on the required Senior Project and postsecondary exploration/opportunities, while meeting the standards of the Communication Arts curriculum. Class size is limited to 10 students. All activities are aligned to State standards.

ENGLISH TI**HHS****Grade:** 9, 10, 11, 12**Prerequisite:** Title I; Test Scores, Counselor/Teacher Referral**Length:** 1 Semester**Credit:** EL - .50 per semester

Students must qualify for this course with standardized test scores as the primary consideration, although grade point average, prior enrollment in a specialized support program, and/or referrals are also utilized. This is an individualized class of limited enrollment that considers the needs and interests of each student. Both individual and small group activities give students opportunities to improve their reading. Students will work on their reading habits, comprehension skills, study skills, vocabulary, fluency, and reading rate. Students may take the class for one semester or more; they may continue in the program as long as they qualify. All activities are aligned to State standards.

ENGLISH LAB TI**HHS****Grade:** 9, 10, 11, 12**Prerequisite:** Title I; Test Scores, Counselor/Teacher Referral**Length:** 1 Semester**Credit:** EL - .50 per semester

Students must qualify for this course with standardized test scores as the primary consideration, although grade point average, prior enrollment in a specialized support program, and/or referrals are also utilized. This is an individualized class of limited enrollment that considers the needs and interests of each student. Both individual and small group activities give students opportunities to improve their reading. Students will work on their reading habits, comprehension skills, study skills, vocabulary, fluency, and reading rate. Students may take the class for one semester or more; they may continue in the program as long as they qualify. All activities are aligned to State standards.

READING TI**BSHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** Title I; Test Scores, Counselor/Teacher Referral**Length:** 1 Semester**Credit:** EL - .50 per semester

Students must qualify for this course with standardized test scores as the primary consideration, although grade point average, prior enrollment in a specialized support program, and/or referrals are also utilized. This is an individualized class of limited enrollment that considers the needs and interests of each student. Both individual and small group activities give students opportunities to improve their reading. Students will work on their reading habits, comprehension skills, study skills, vocabulary, fluency, and reading rate. Students may take the class for one semester or more; they may continue in the program as long as they qualify. All activities are aligned to State standards.

STUDY SKILLS**HHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** Counselor Referral**Length:** 1 Semester**Credit:** EL - .50 per semester

This course teaches basic study and organizational skills including note-taking, using textbooks, test taking, and library usage. It is designed to give students tools to assist them in other classes.

+SUPPORTIVE SERVICES (SE) BASIC

While this list is intended to serve as a guideline, student enrollment in any class is based on the recommendations of the Individual Education Plan (IEP) team according to the individual needs of the students.

The following basic classes are offered for students with more significant needs. They are typically life-skills oriented classes. Not all classes are offered every year. Please check with your counselor for availability.

BASIC ADAPTIVE HEALTH ENHANCEMENT

BSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: HE - .50 per semester

Students with disabilities are provided adaptive opportunities to maximize their potential in individual and group sport and recreational activities. Emphasis is on fitness, team work, and sport and fitness choices. Social and behavior skills are an integral part of the curriculum.

BASIC ART

SHS; SSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: FA - .50 per semester

Students in Basic Art are encouraged to visualize and create works of art. They apply media, techniques, and processes of their own choosing. In addition, students learn to apply line, shape, form, color, space, value, and texture to make "Works of Art."

BASIC BIOLOGY

SSHS

Students in Basic Biology follow an adaptive curriculum based on individual needs focusing on understanding and applying biology principles.

BASIC COMMUNITY EXPLORATIONS

BSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: EL - .50 per semester

This course is designed to teach students to access, interact within, and utilize community resources while implementing appropriate social skills.

BASIC COMPUTERS

BSHS; HHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: CTE - .50 per semester

This course is designed to meet the needs of those students with unique needs and disabilities. A variety of text and software applications are determined by the abilities and individual needs of each student. Students will develop their skills in keyboarding, word processing, data entry, Internet, electronic calculators, and graphic illustration.

BASIC EARTH SCIENCE

SSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: SC - .50 per semester

Students in Basic Earth Science follow an adaptive curriculum based on individual needs focusing on understanding and applying earth science principles.

BASIC ENGLISH

BSHS; SSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: EN - .50 per semester

Basic English focuses on life skills communication. Students with lower reading levels learn how to access information about a topic and discuss how it relates to them. Students have daily opportunities to read and write. They read fiction and nonfiction representing a variety of genres, including news articles, interviews, and photo essays. Students use graphic organizers as tools to assist in comprehension. Students are introduced to the vocabulary prior to reading. Students draw on their own knowledge to connect with the reading material.

BASIC ENGLISH 2

SHS

Grade: 10

Prerequisite: IEP and Basic English

Length: 1 Year

Credit: EN - .50 per semester

Basic English 2 focuses on life skills communication. Students with lower reading levels learn how to access information about a topic and discuss how it relates to them using research based reading curriculum. Writing projects will focus on the topic of interest and how to best put that information into sentence and paragraph form. Students read fiction and nonfiction representing a variety of genres, including news articles, interviews, and photo essays. Students use graphic organizers as tools to assist in comprehension.

BASIC ENGLISH 3

SHS

Grade: 11

Prerequisite: IEP and Basic English 2

Length: 1 Year

Credit: EN - .50 per semester

Basic English 3 continues the focus on life skills communication. Students read and write daily on the topics of interest and how to best put that information into sentence and paragraph form. Students use graphic organizers as tools to assist in comprehension.

BASIC ENGLISH 4

SHS

Grade: 12

Prerequisite: IEP and Basic English 3

Length: 1 Year

Credit: EN - .50 per semester

Basic English 4 continues the focus on life skills communication. Students read and write daily on the topics of interest. Senior students will work on a modified senior project that may or may not include a written report. Students will also learn how to write letters and complete forms.

BASIC HEALTH ENHANCEMENT**BSHS; SHS; SSHS****Grade:** 9, 10**Prerequisite:** IEP**Length:** 1 Year**Credit:** HE - .50 per semester

Basic Health Enhancement is designed to increase physical fitness of students and teach them life-long leisure skills. Students with disabilities are provided the opportunity to maximize their potential in individual and group sport and recreational activities. Activities include stretching, aerobics, Special Olympic training, walking, adapted sports, games, dancing, and basic weight training opportunities. Emphasis is on fitness, team work, and sport and fitness choices. Social and behavior skills are an integral part of the curriculum.

BASIC INDEPENDENT LIVING**BSHS; HHS; SSHS; SHS****Grade:** 11, 1**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

This course develops skills to increase student independence in the community, including food preparation, personal care, social interactions, basic safety issues, and household skills.

BASIC INDEPENDENT LIVING 2**SSHS; SHS****Grade:** 11**Prerequisite:** IEP and Basic Independent Living**Length:** 1 Year**Credit:** CTE - .50 per semester

This course expands on skills learned in the Basic Independent Living course. It develops additional skills that students will need to be productive in daily living situations, including but not limited to shopping, sewing, municipal transportation, renting and setting up an apartment, and basic daily hygiene.

BASIC MARKETING**SHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** CTE - .50 per semester

Students will learn the basic skills needed for employment. Students will learn verbal and non-verbal communication, how to work as a team, how to follow a job list, the importance of being on time and job responsibilities.

BASIC MATH**HHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** MA - .50 per semester

HHS: This course will focus on basic functions of whole numbers; number sense, basic knowledge and understanding of fractions, decimals, money, time and measurement. Students will use a calculator, flash cards, multiplication charts and other assistive devices.

SSHS: Basic Math 1 focuses on functional math skills for community living: planning a budget, tracking expenses, counting money, dissecting a story problem, estimating, percent, time, linear measurement, measurement for cooking and shopping, banking skills and services, mapping skills, and public transportation skills. Hands-on lessons and real-life community experiences reinforce the concepts taught in this class.

Basic Math 3 continues instruction on functional math skills for community living: planning a budget, tracking expenses, counting money, dissecting a story problem, estimating, percent, time, linear measurement, measurement for cooking and shopping, banking skills and services, mapping skills, and public transportation skills. Hands-on lessons and real-life community experiences reinforce the concepts taught in this class.

Basic Math 4 continues with functional math skills for community living: planning a budget, tracking expenses, counting money, dissecting a story problem, estimating, percent, time, linear measurement, measurement for cooking and shopping, banking skills and services, mapping skills, and public transportation skills. Hands-on lessons and real-life community experiences reinforce the concepts taught in this class.

BASIC MATH 1**BSHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** MA - .50 per semester

Basic Math 1 focuses on functional math skills for community living: planning a budget, tracking expenses, counting money, dissecting a story problem, estimating, percent, time, linear measurement, measurement for cooking and shopping, banking skills and services, mapping skills, and public transportation skills. Hands-on lessons and real-life community experiences reinforce the concepts taught in this class.

Basic Math 2 expands on functional math skills for community living: planning a budget, tracking expenses, counting money, dissecting a story problem, estimating, percent, time, linear measurement, measurement for cooking and shopping, banking skills and services, mapping skills, and public transportation skills. Hands-on lessons and real-life community experiences reinforce the concepts taught in this class.

BASIC MATH 2**SHS****Grade:** 9, 10, 11**Prerequisite:** IEP and Basic Math 1**Length:** 1 Year**Credit:** MA - .50 per semester

Basic Math 2 expands on functional math skills for community living: planning a budget, tracking expenses, counting money, dissecting a story problem, estimating, percent, time, linear measurement, measurement for cooking and shopping, banking skills and services, mapping skills, and public transportation skills. Hands-on lessons and real-life community experiences reinforce the concepts taught in this class.

BASIC MATH 3**SHS****Grade:** 11, 12**Prerequisite:** IEP and Basic Math 2**Length:** 1 Year**Credit:** MA - .50 per semester

Basic Math 3 continues instruction on functional math skills for community living: planning a budget, tracking expenses, counting money, dissecting a story problem, estimating, percent, time, linear measurement, measurement for cooking and shopping, banking skills and services, mapping skills, and public transportation skills. Hands-on lessons and real-life community experiences reinforce the concepts taught in this class.

BASIC READING**HHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** EL - .50 per semester

This course is designed to improve reading and comprehension skills of struggling readers.

BASIC SCIENCE**BSHS; SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SC - .50 per semester

Each student is required to take two years of Science. Basic Science students will learn concepts of basic earth science, biology, and physical science. Students will have the opportunity to learn to become responsible citizens of the environment. The course is designed for students who may have substantial needs in adaptive behavior, reading, and written expression. Hands-on activities are emphasized.

BASIC SOCIAL STUDIES**SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

This course provides an adapted curriculum based on basic social studies principles.

BASIC UNITED STATES GOVERNMENT**SHS; SSHS****Grade:** 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

Government empowers students to be effective, responsible citizens. Students examine principles to central U.S. government and explore the structure of national and local government.

BASIC UNITED STATES HISTORY**SHS; SSHS****Grade:** 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

Starting with Reconstruction to World War II, students explore the people, places, and events that shaped us today. Students study current events and issues and their connection to U.S. history. In addition, students develop and use a variety of skills including accessing, organizing, analyzing, and presenting in the context of United States history.

BASIC VOC PREP**SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite SHS:** IEP and consent of Instructor**Prerequisite SSHS:** IEP**Length:** 1 Year**Credit:** EL - .50 per semester**SSHs:** Students in this course develop vocational awareness and explore a variety of career options.

SHS: Students must fill out an application and be interviewed by staff prior to enrolling in the class. Once hired, students will develop vocational awareness and explore a variety of career options. Juniors and Seniors may have the option of working off campus.

BASIC WEIGHT TRAINING**SHS****Grade:** 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** HE - .50 per semester

Basic Weight Training is designed to present students with a healthy lifestyle choice for wellness that they can utilize throughout their lives.

BASIC WOODS**SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** CTE - .50 per semester

Students in Basic Woods will learn safety of hand and power tools, how to read and follow printed project instructions, measurement, and how to build a variety of finished projects for sale to the public. They will study proper care and storage of tools and how to operate in a shop environment working with other students to complete a task.

SUPPORTIVE SERVICES (SE) GENERAL

While this list is intended to serve as a guideline, student enrollment in any class is based on the recommendations of the Individual Education Plan (IEP) team according to the individual needs of the students.

The following classes are general replacement classes for students who generally take the majority of their classes in regular education. They typically take one to three classes in special education. Courses with titles ending in "A" are part of the Sentinel Structured Learning Program. Not all classes are offered every year. Please check with your counselor for availability.

GENERAL ALGEBRA CONCEPTS & SKILLS

BSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: EL - .50 per semester

The content of this course is essentially the same as Algebra 1 but the pacing may be slightly slower. Some of the problem-solving emphasis is replaced by an increased emphasis on skills practice.

GENERAL ART A

SHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: FA - .50 per semester

This course focuses mainly on production and perception and acquaints students with the basic principles of Art. Students research Art history and discuss the marketing and sales aspects of art.

GENERAL BIOLOGY

SHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: IEP and Consent of Instructor

Length: 1 Year

Credit: SC - .50 per semester

Students demonstrate knowledge of classification, characteristics, structures, and functions of living organisms, ecological relationships of organisms to their environments (including local ecological relationships and fire ecology) and the theory of evolution. Students also demonstrate knowledge of disease agents and human body systems.

GENERAL CAREER PREPARATIONS

SHS

Grade: 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: EL - .50 per semester

This class is designed to empower students with the skills, goals, and choices they need for a full life in their community. They learn skills to use in advocating for themselves, steps they will take to enter the career they choose, and ways to become responsible members of their community.

GENERAL COMPUTER BUSINESS A

SHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Semester or 1 Year

Credit: CTE - .50 per semester

Students work at their own pace engaged in a variety of projects that utilize hands-on computer applications. Students may also use this class to work on credit recovery programs.

GENERAL CONFLICT RESOLUTION A

SHS

Grade: 9, 10

Prerequisite: IEP

Length: 1 Year

Credit: EL - .50 per semester

Students learn the different aspects of conflict and the options to resolve them. Students will use role playing, observe conflicts in film and use personal experiences to learn to manage themselves in different situations in life.

***GENERAL EARTH SCIENCE**

BSHS; SSHS

Grade BSHS; SSHS: 9, 10

SHS: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: SC - .50 per semester

BSHS; SSHS: General Earth Science is recommended for students who require a year of preparation before they enter the regular education, freshman science class or for students who have reading and written language needs. Students demonstrate knowledge of composition, structures, processes, and interactions of Earth's systems, chemical properties of matter, and Earth's history through plate tectonics. Students demonstrate knowledge of meteorology and space science as time allows.

Class content covers similar topics covered in regular education science and emphasis on note-taking, record keeping, interacting in the classroom setting, and research.

SHS: For students who have reading and/or written language needs. Students demonstrate knowledge of chemical properties of matter, composition of minerals and rocks, structure of earth, plate tectonics, dynamic forces such as erosion and glaciation, and Earth's geologic history. Students demonstrate competency with maps. Students demonstrate knowledge of energy, meteorology and space science as time allows. Class content covers similar topics to regular earth science curriculum.

GENERAL ENGLISH

SSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: EN - .50 per semester

Students learn the basic rules of grammar and punctuation through novels and written work. Students will practice their writing, speaking, and listening abilities and learn how to expand their thoughts. Reading and written language skills are learned at a slower pace than the regular English 1, curriculum. Research based reading materials and written language strategies are implemented and modified to fit the needs of individual students.

Students will complete some basic career inventories. They will also complete a research paper on Medieval History. They will compare and contrast all aspects of the middle ages with modern times. They will refine their comprehension, fluency, and vocabulary skills. Reading and written language skills are learned at a slower pace than the regular English 2 curriculum. Research based reading materials and written language strategies are implemented and modified to fit the needs of individual students.

GENERAL ENGLISH 1**BSHS; HHS; SHS****Grade:** 9**Prerequisite:** IEP**Length:** 1 Year**Credit:** EN - .50 per semester

Students learn the basic rules of grammar and punctuation through novels and written work. Students will practice their writing, speaking, and listening abilities and learn how to expand their thoughts. Reading and written language skills are learned at a slower pace than the regular English 1 curriculum. Research based reading materials and written language strategies are implemented and modified to fit the needs of individual students

GENERAL ENGLISH 1/ LITERACY**HHS****Grade:** 9**Prerequisite:** IEP recommendation**Length:** 1 Year**Credit:** EN - .50 per semester

This is a block class that incorporates English and reading skills. By IEP recommendation only. Students learn the basic rules of grammar and punctuation through novels and written work. Students will practice their writing, speaking, and listening abilities and learn how to expand their thoughts. Reading and written language skills are learned at a slower pace than the regular English 1 curriculum. Research based reading materials and written language strategies are implemented and modified to fit the needs of individual students

Literacy 1 is designed to strengthen students' reading and writing skills and, therefore, enable them to experience increased benefit from their high school course work. It is anchored in research based methods, continuous feedback, and multiple approaches to acquiring and improving student skills. This class is appropriate for student enrollment based on teacher recommendations and/or assessments that demonstrate a need for increased proficiency.

GENERAL ENGLISH 1 A**SHS; BSHS****Grade:** 9**Prerequisite:** IEP**Length:** 1 Year**Credit:** EN - .50 per semester

Students learn the basic rules of grammar and punctuation through novels and written work. Students will practice their writing, speaking, and listening abilities and learn how to expand their thoughts. Reading and written language skills are learned at a slower pace than the regular English 1 curriculum. Research based reading materials and written language strategies are implemented and modified to fit the needs of individual students.

GENERAL ENGLISH 2**BSHS; HHS; SHS****Grade:** 9, 10**Prerequisite:** IEP**Length:** 1 Year**Credit:** EN - .50 per semester

Students will complete some basic career inventories. They will also complete a research paper on Medieval History. They will compare and contrast all aspects of the middle ages with modern times. They will refine their comprehension, fluency, and vocabulary skills. Reading and written language skills are learned at a slower pace than the regular English 2 curriculum. Research based reading materials and written language strategies are implemented and modified to fit the needs of individual students

GENERAL ENGLISH 2 A**SHS****Grade:** 10**Prerequisite:** IEP and General English 1**Length:** 1 Year**Credit:** EN - .50 per semester

Students will complete some basic career inventories. They will also complete a research paper on Medieval History. They will compare and contrast all aspects of the middle ages with modern times. They will refine their comprehension, fluency, and vocabulary skills. Reading and written language skills are learned at a slower pace than the regular English 2 curriculum. Research based reading materials and written language strategies are implemented and modified to fit the needs of individual students.

GENERAL ENGLISH 3**BSHS; HHS; SHS****Grade:** 11**Prerequisite:** IEP and General English 2**Length:** 1 Year**Credit:** EN - .50 per semester

Reading and written language skills are learned at a slower pace than the regular English curriculum. Research based reading materials and written language strategies are modified to fit the needs of individual students. General English 3 includes a unit to prepare juniors for their Senior Project paper.

GENERAL ENGLISH 3 A**SHS****Grade:** 11**Prerequisite:** IEP and General English 2**Length:** 1 Year**Credit:** EN - .50 per semester

Reading and written language skills are learned at a slower pace than the regular English curriculum. Research based reading materials and written language strategies are modified to fit the needs of individual students. General English 3 includes a unit to prepare juniors for their Senior Project paper.

GENERAL ENGLISH 4**BSHS; HHS; SHS****Grade:** 12**Prerequisite:** IEP and General English 3**Length:** 1 Year**Credit:** EN - .50 per semester

General English 4 focuses on writing the paper for the Senior Project. The curriculum is modified and task-analyzed for successful completion of the Senior Project paper. After the Senior Project paper is completed, students will apply reading fundamentals to literature and utilize the six-trait writing for creative and life-skills writing assignments.

GENERAL ENGLISH 4 A**SHS****Grade:** 12**Prerequisite:** IEP and General English 3**Length:** 1 Year**Credit:** EN - .50 per semester

General English 4 A focuses on writing the paper for the Senior Project. The curriculum is modified and task-analyzed for successful completion of the Senior Project paper. After the Senior Project paper is completed, students will apply reading fundamentals to literature and utilize the six-trait writing for creative and life-skills writing assignments.

GENERAL ENGLISH INDEPENDENT STUDY

BSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP and Consent of Instructor

Length: 1 Year

Credit: EN - .50 per semester

Students have the opportunity to make up General English credit in this class. The student signs an individualized contract and works independently, but with supervision, to complete curriculum and obtain English credit. Students do not get individualized instruction in this class. They must be able to work independently.

GENERAL GEOGRAPHY A

SHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: SS - .50 per semester

Students use text, film, maps, current events, and history to investigate natural environments and cultures that combine to create our world.

GENERAL HEALTH ENHANCEMENT

SSHS

Grade: 9, 10

Prerequisite: IEP

Length: 1 Year

Credit: HE - .50 per semester

Students experience a variety of physical activities. Students also study aspects of a healthy lifestyle that include personal responsibility. Students utilize the proper techniques for weight lifting. Yoga may be offered on a weekly basis through community volunteers.

GENERAL HEALTH ENHANCEMENT A

SHS

Grade: 9, 10

Prerequisite: IEP

Length: 1 Year

Credit: HE - .50 per semester

Students experience a variety of physical activities. Students also study aspects of a healthy lifestyle that include personal responsibility. Students utilize the proper techniques for weight lifting. Yoga may be offered on a weekly basis through community volunteers.

GENERAL MARKETING A

SHS

Grade: 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: CTE - .50 per semester

Students will explore career and school opportunities. Topics and assignments will cover career interests, workplace skills, job applications, resumes, cover letters, interviewing, and other workplace issues. Students will also learn about current issues facing employees. This course may also include job shadowing, volunteer work, and/or on campus work.

GENERAL ALGEBRA**SSHS**

Grade: 10, 11

Prerequisite: IEP, 504 and or Resource Student, Middle School Math

Length: 1 Year

Credit: MA - .50 per semester

This class is a slower paced Algebra class for students with learning disabilities who are on an IEP or 504 and or resource students.

GENERAL MATH**SSHS**

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: MA - .50 per semester

This class will focus on the four basic operations, fractions, and decimals with application of skills to real-life situations.

Students work on skills needed before they take an Algebra class. They work on computation skills, use a calculator, exponents, square roots, simple equations and inequalities, and graphing linear equations.

Students work on families of functions, with an emphasis on linear and quadratic functions. Students will learn to represent functions verbally, as equations, tables, and graphs. They also work on problem solving and modeling real-world situations.

This class is similar to Algebra Readiness in the regular education curriculum. Continuing on to Algebra 1 is based on teacher recommendation.

GENERAL MATH 1**BSHS; HHS; SHS**

Grade: 9

Prerequisite: IEP

Length: 1 Year

Credit: MA - .50 per semester

This class will focus on the four basic operations, fractions, and decimals with application of skills to real-life situations.

Students work on skills needed before they take an Algebra class. They work on computation skills, use a calculator, exponents, square roots, simple equations and inequalities, and graphing linear equations.

GENERAL MATH 1 A**SHS**

Grade: 9

Prerequisite: IEP

Length: 1 Year

Credit: MA - .50 per semester

This class will focus on the four basic operations, fractions, and decimals with application of skills to real-life situations.

Students work on skills needed before they take an Algebra class. They work on computation skills, use a calculator, exponents, square roots, simple equations and inequalities, and graphing linear equations.

GENERAL MATH 1 / 2**HHS**

Grade: 9, 10, 11

Prerequisite: IEP

Length: 1 Year

Credit: MA - .50 per semester

This class will focus on the four basic operations of whole numbers, fractions and decimals with application of skills to real-life situations. They work on computation skills, use of a calculator, and basic graphs and charts.

GENERAL MATH 2**BSHS; HHS; SHS****Grade:** 10**Prerequisite:** IEP**Length:** 1 Year**Credit:** MA - .50 per semester

Students work on families of functions, with an emphasis on linear and quadratic functions. Students will learn to represent functions verbally, as equations, tables, and graphs. They also work on problem solving and modeling real-world situations. This class is similar to Algebra Readiness in the regular education curriculum. Continuing on to Algebra 1 is based on teacher recommendation.

GENERAL MATH 2 A**SHS****Grade:** 10**Prerequisite:** IEP and General Math 1**Length:** 1 Year**Credit:** MA - .50 per semester

Students work on families of functions, with an emphasis on linear and quadratic functions. Students will learn to represent functions verbally, as equations, tables, and graphs. They also work on problem solving and modeling real-world situations. This class is similar to Algebra Readiness in the regular education curriculum. Continuing on to Algebra 1 is based on teacher recommendation.

GENERAL MATH 3**SHS****Grade:** 11, 12**Prerequisite:** IEP and two years of math**Length:** 1 Year**Credit:** MA - .50 per semester

General Math 3 is designed to provide students with a course of study that gives them the knowledge to become better consumers. They will also learn basic knowledge in trade mathematics.

GENERAL MATH 3A**SHS****Grade:** 11, 12**Prerequisite:** IEP and two years of math**Length:** 1 Year**Credit:** MA - .50 per semester

General Math 3 is designed to provide students with a course of study that gives them the knowledge to become better consumers. They will also learn basic knowledge in trade mathematics.

GENERAL MATH 3 / 4**HHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** MA - .50 per semester

This class will focus on Algebra Readiness skills. Students will use a calculator, learn exponents, square roots, equations, inequalities and functions. They will learn to represent data in functions, tables and graphs, and to problem solve and model real-life situations.

GENERAL MATH INDEPENDENT STUDY**BSHS**

Grade: 9, 10, 11, 12

Prerequisite: IEP and General Math 1

Length: 1 Year

Credit: MA - .50 per semester

Students have the opportunity to make up General Math credit in this class. The student signs an individualized contract and works independently, but with supervision, to complete curriculum and obtain Math credit. Students do not get individualized instruction in this class. They must be able to work independently.

GENERAL MONTANA HISTORY A**SHS**

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: SS - .50 per semester

Students use text, film, and current events to study the history of the state. Students study the counties, county seats, topography, and population variations across the state of Montana.

GENERAL PERSONAL STRATEGIES**SHS**

SHS Grade: 9, 10

Prerequisite: IEP

Length: 1 Year

Credit: EL - .50 per semester

Personal Strategies is a class that teaches and promotes self-advocacy and personal accountability for academic success. Students receive instruction in organization, reading, note-taking and test-taking methods as well as individual instruction and support in academics.

GENERAL LIFE PREP**HHS; SHS**

Grade: 9, 10, 11, 12

Prerequisite: Consent of Instructor and/or Case Manager

Length: 1 Year

Credit: EL - .50 per semester

Students will learn essential skills for long term success in life including interpersonal relationships, leisure activities social norms, employment strategies, self-reliance and financial responsibility.

GENERAL PSYCHOLOGY A**SHS**

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: SS - .50 per semester

Students study human behavior through the use of text, film, experiments that they conduct and a variety of critical thinking assignments.

GENERAL READING 1 A**SHS**

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: EL - .50 per semester

This class focuses on decoding, comprehension, vocabulary and spelling strategies while improving their sight vocabulary.. Students may also take this class for English credit recovery.

GENERAL SCIENCE A**HHS; SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SC - .50 per semester

Students are offered Earth Science and Biology on a two year rotation schedule. In Earth Science, students will study Earth's materials, geology, oceanography, meteorology, astronomy, natural disasters, and how humans affect the Earth. In Biology, students study the basic units of life and how all living things interact and affect each other. Students will perform simple experiments in class with living things as well as virtual dissection labs. Students will study the different ecosystems with an emphasis on the Montana waterways and fish.

GENERAL STUDY SKILLS A**SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** EL - .50 per semester

Students are given a structured time to receive assistance on their assignments in other classes in order to be successful in school. Students also learn a variety of strategies so that they may improve their self-advocacy skills.

GENERAL U.S. GOVERNMENT**BSHS; HHS; SSHS****Grade:** 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

Students examine principles central to the United States government and economies, explore the structure of local and national governments and investigate political life. Students work on group projects and personal papers. During this course students will consider the ways in which our government is organized and is controlled by the people. This course is designed for students with disabilities including reading, written language, behavior, and health issues

GENERAL U.S. GOVERNMENT A**SHS****Grade:** 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

Students examine principles central to the United States government and economies, explore the structure of local and national governments and investigate political life. Students work on group projects and personal papers. During this course students will consider the ways in which our government is organized and is controlled by the people. This course is designed for students with disabilities including reading, written language, behavior, and health issues.

GENERAL UNITED STATES HISTORY**BSHS; HHS; SSHS****Grade:** 11**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

This course offers the student a chronological narrative of United States history. Within this framework, the student deals with several important themes that reappear throughout United States history such as the growth of national unity, the diversity of population, and the development of democratic institutions. The focus of this course is to stress democratic ideals that shaped our country, the responsible citizenship that sustains us, the cultural diversity that enriches us, the global perspective that we need, and the economic connections that impact us.

GENERAL UNITED STATES HISTORY A**SHS****Grade:** 11**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

This course offers the student a chronological narrative of United States history. Within this framework, the student deals with several important themes that reappear throughout United States history such as the growth of national unity, the diversity of population, and the development of democratic institutions. The focus of this course is to stress democratic ideals that shaped our country, the responsible citizenship that sustains us, the cultural diversity that enriches us, the global perspective that we need, and the economic connections that impact us.

INDEPENDENT STUDIES GENERAL SOCIAL STUDIES**SSHW****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** SS - .50 per semester

Students have the opportunity to make up General Social Study credit in this class. Student works independently, but with supervision, to complete curriculum and obtain SS credit. Students do not get individualized instruction in this class. They must be able to work independently.

SE INDEPENDENT STUDY**BSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Semester**Credit:** EL - .50 per semester

Independent Study courses will be taught in students' schedules where they are not offered in the Master Schedule. The curriculum for this independent study will be the already approved and adopted curriculum.

SUPPORTIVE SERVICES (SE) RESOURCE

While this list is intended to serve as a guideline, student enrollment in any class is based on the recommendations of the Individual Education Plan (IEP) team according to the individual needs of the students.

The following classes are resource room classes. Resource room students usually take the majority of their classes in regular education. They typically take one to three classes in special education.

CONSUMER MATH

BSHS, HHS

Grade: 11, 12

Prerequisite: IEP

Length: 1 Year

Credit: EL - .50 per semester

This class is designed for juniors and seniors to reinforce math skills from earlier math classes. Curriculum includes banking and checking, insurance, money management, shopping, and paying bills.

MATH LAB 1

SHS

Grade: 9, 10

Prerequisite: IEP and concurrent enrollment in Algebra Readiness

Length: 1 Semester

Credit: EL - .50 per semester

This class is designed for students in Algebra Readiness. Students receive a review of the topics covered in their math class as well as a preview of upcoming material. They also review basic skills and test taking strategies. Students will have some time each period to receive individual help on math homework

MATH LAB 2

SHS

Grade: 9, 10

Prerequisite: IEP and concurrent enrollment in Algebra 1

Length: 1 Semester

Credit: EL - .50 per semester

This class is designed for students in Algebra 1. Students receive a review of the topics covered in their math class as well as a preview of upcoming material. They also review basic skills and test taking strategies. Students will have some time each period to receive individual help on math homework.

PERSONAL SOCIAL

BSHS

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Semester or 1 Year

Credit: EL - .50 per semester

Students will learn about self-concept, assertiveness, appropriate social interactions, grooming, conversation skills, first aid, what to do in emergency situations, cultural awareness, leisure activities, social studies units, sex education, and sexual awareness.

SCIENCE LAB 1

SHS

Grade: 9, 10, 11, 12

Prerequisite: IEP and concurrent enrollment in Int. Earth, Space, & Physical Science

Length: 1 Semester or 1 Year

Credit: EL - .50 per semester

This class is designed for students in Integrated Earth, Space, & Physical Science (IESPS). Students will be introduced to new science topics as well as review of topics studied in their science class. Time will also be spent on reading strategies and test taking skills. Students will have time each period to receive individual help on science homework.

SCIENCE LAB 2**SHS**

Grade: 9, 10, 11, 12

Prerequisite: IEP and concurrent enrollment in Biology

Length: 1 Semester or 1 Year

Credit: EL - .50 per semester

This class is designed for students in Biology 1. Students will be introduced to new science topics as well as review of topics studied in their science class. Time will also be spent on reading strategies and test taking skills. Students will have time each period to receive individual help on science homework.

SENIOR STUDY SKILLS**BSHS; HHS; SSHS**

Grade: 12

Prerequisite: IEP

Length: 1 Semester or 1 Year

Credit: EL - .50 per semester

This course is designed to assist senior students with successful completion of class work and graduation requirements through instruction in organizational skills, the research process, Senior Project paper, portfolio, and presentation skills. Seniors will be provided an opportunity for transition services.

STUDY SKILLS**HHS**

Grade: 9, 10, 11, 12

Prerequisite: IEP

Length: 1 Semester or 1 Year

Credit: EL - .50 per semester

This class provides support for students who take the majority of their classes in regular education. Students must bring homework for assistance and review and complete two progress checks per quarter.

STUDY SKILLS 1**BSHS; SSHS**

Grade: 9

Prerequisite: IEP

Length: 1 Semester or 1 Year

Credit: EL - .50 per semester

This is a course for freshmen to support them through the transition to high school. Curriculum includes units on self-assessment, organization, communication skills, motivation, goal-setting, effective listening, memorization, reading, note-taking, test-taking, and career assessments. Includes supervised study time.

STUDY SKILLS 2**BSHS; SSHS**

Grade: 10, 11

Prerequisite: IEP

Length: 1 Semester or 1 Year

Credit: EL - .50 per semester

This class provides academic support for students who take the majority of their classes in regular education. Students must bring homework for assistance and review, and complete two progress reports per quarter.

VOC PREP 1**BSHS; HHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** IEP**Length:** 1 Year**Credit:** CTE - .50 per semester

Students will explore school and career opportunities. Assessments will assist students to identify career interests.

Communication skills in the workplace, job applications, resumes, interviewing, and appropriate dress and hygiene for the workplace will be discussed. Job shadowing may be included in the curriculum and will be implemented based on student maturity and behavior. This class allows the student to work at an on-campus work site with consistent supervision.

Students will demonstrate skills in working cooperatively and collaboratively with others.

VOC PREP A**SHS; BSHS****Grade** SHS: 9, 10, 11, 12; BSHS: 9**Prerequisite:** IEP**Length:** 1 Semester or 1 Year**Credit:** CTE - .50 per semester

SHS: Students earn credit by working off campus. Students must obtain their own job and fulfill requirements of the class.

Students must meet minimum hours worked per semester and turn in all completed paperwork by due dates.

BSHS: Same as Voc Prep 1 (above)

VOC PREP 2**BSHS; HHS; SSHS****Grade** BSHS, SSHS: 9, 10, 11, 12 HHS: 11, 12**Prerequisite:** IEP and Voc Prep 1**Length:** 1 Semester or 1 Year**Credit:** CTE - .50 per semester

Voc Prep 2 allows a student to work at an off-campus job site. Students further develop characteristics and behaviors necessary for success in school, work, and everyday settings. Students continue to acquire the knowledge, attitudes, and skills to make a successful transition from school to the world of work, and adult life. Students learn more about the relationship between individual qualities, education and training, and the world of work.

WORKPLACE COMM**OPTION OF DUAL CREDIT TOWARDS CERTIFICATION with UM-Missoula College****SHS****Grade** 11, 12**Prerequisite:** None**Length:** 1 Semester**Credit:** EL - .50 per semester

The focus of this class is to learn the basics of Interpersonal Communication and how it applies in a work setting. We will study verbal and nonverbal communication, effective listening, the role of technology, and we will learn practical skills that can be used in a variety of settings. This Course will count as .5 semester elective credit towards high school graduation and 1.0 university credit through UM Missoula College.

WORLD LANGUAGES (WL)
FRENCH, GERMAN, LATIN, SPANISH, MANDARINE CHINESE, AND ARABIC

FRENCH YEAR 1

BSHS; HHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: EL - .50 per semester

All first year foreign language courses will deal with beginning language concepts, structures, vocabulary, and culture. Emphasis will be on listening, speaking, writing, and reading.

FRENCH YEAR 2

BSHS; HHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: BSHS, SHS- Prior study of the language and/or French 1 HHS- French 1

Length: 1 Year

Credit: EL - .50 per semester

All second year foreign language courses review and build upon the basic skills learned at the first year level. Students improve their ability in all four language skills--listening, speaking, writing, and reading--and continue to study the culture of the target language.

FRENCH YEAR 3

BSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Prior study of the language

Length: 1 Year

Credit: EL - .50 per semester

The third year of language introduces literature and advanced grammatical topics of the languages. The course is designed to use written and oral expression in the language on a more advanced level.

FRENCH 3/IB STANDARD LEVEL YR 1

HHS

Grade: 11, 12

Prerequisite: French 2

Length: 1 Year

Credit: WL - .50 per semester

French 3/IB Standard Level Year 1 introduces literature and advanced grammatical topics of the language. This course is designed to use written and oral expression in the language on a more advanced level. The class is taught by a certified IB instructor and thus promotes an understanding of other cultures (Media and Communications; Global Issues; Social Relationships) through the study of the language. Students may earn an IB certificate or use this course toward the IB diploma if they take the IB exam in French 4/IB SL2. This course is open to all students, regardless of affiliation with the IB program.

FRENCH YEAR 4

BSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Prior study of the language

Length: 1 Year

Credit: WL - .50 per semester

The fourth year of language is a continuation of concentrated effort to refine the student's abilities in the language. Self-discipline is necessary to successfully complete a larger amount of independent work involved at this level.

FRENCH 4/IB STANDARD LEVEL YR 2**HHS****Grade:** 12**Prerequisite:** French 3/IB SL1**Length:** 1 Year**Credit:** WL - .50 per semester

French 4/IB SL2 is a continuation of studies in French 3/IB SL1 and includes the global issues, communication, and media and social relationships with emphasis on societies in turmoil and current events. This course helps refine the student's abilities in the language. The class is taught by a certified IB instructor. Students have the opportunity to take the IB SL exam for certification or as part of the requirements for the IB diploma program. This course is open to all students, regardless of affiliation with the IB program.

FRENCH 5, INDEPENDENT STUDY**FRENCH YEAR 3****BSHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** Prior study of the language**Length:** 1 Year**Credit:** EL - .50 per semester

Continuing language study offered through independent study.

GERMAN 1 & IB AB INITIO YR 1**HHS; SSHS (not IB)****Grade:** 9, 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** WL - .50 per semester

This is an introductory course for students with no prior experience in German. This course deals with beginning language concepts, structures, vocabulary, and culture. Emphasis will be on listening, speaking, writing and reading. The class is taught by a certified IB instructor. Therefore, students may earn an IB certificate or use this course toward the IB diploma if they take the IB exam in German 2 & IB Ab Initio 2.

GERMAN 2 & IB AB INITIO YR 2**HHS; SSHS (not IB)****Grade:** 9, 10, 11, 12**Prerequisite:** German 1**Length:** 1 Year**Credit:** WL - .50 per semester

This is an introductory course for students with one year's experience in German. This course reviews and builds upon basic skills learned in German 1 & IB Ab Initio 1. Students improve their ability in all four language skills: listening, speaking, writing and reading. Students also continue to study the culture of the target language. The class is taught by a certified IB instructor. Students have the opportunity to take the IB Ab Initio exam for certification or as part of the IB diploma program.

GERMAN YEAR 3**HHS; SSHS (not IB)****Grade:** 9, 10, 11, 12**Prerequisite:** German 2**Length:** 1 Year**Credit:** EL - .50 per semester

The third year of language introduces literature and advanced grammatical topics of the languages. The course is designed to use written and oral expression in the language on a more advanced level.

GERMAN YEAR 4**HHS; SSHS (not IB)****Grade:** 9, 10, 11, 12**Prerequisite:** German 3 or equivalent**Length:** 1 Year**Credit:** EL - .50 per semester

The third year of language introduces literature and advanced grammatical topics of the languages. The course is designed to use written and oral expression in the language on a more advanced level.

SPANISH YEAR 1**BSHS; HHS; SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** EL - .50 per semester

All first year foreign language courses will deal with beginning language concepts, structures, vocabulary, and culture. Emphasis will be on listening, speaking, writing, and reading.

IB SPANISH AB INITIO YR 1**BSHS****Grade:** 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** EL - .50 per semester

This course is intended for students taking the IB Diploma Program or who are interested in IB credit in a foreign language they have not yet studied. The course is an introductory Spanish language class intended for students new to the language. The overall objective of this course is for students to achieve communicative competence in a variety of everyday situations.

SPANISH YEAR 2**BSHS; HHS; SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite** BSHS, SHS, SSHS: Prior study of the language and/or Spanish 1 HHS: Spanish 1**Length:** 1 Year**Credit:** EL - .50 per semester

All second year foreign language courses review and build upon the basic skills learned at the first year level. Students improve their ability in all four language skills--listening, speaking, writing, and reading--and continue to study the culture of the target language.

SPANISH YEAR 3**BSHS; SHS; SSHS****Grade:** 9, 10, 11, 12**Prerequisite:** Prior study of the language**Length:** 1 Year**Credit:** EL - .50 per semester

The third year of language introduces literature and advanced grammatical topics of the languages. The course is designed to use written and oral expression in the language on a more advanced level.

SPANISH 3/IB STANDARD LEVEL YR 1

HHS

Grade: 11, 12

Prerequisite: Spanish 2

Length: 1 Year

Credit: WL - .50 per semester

Spanish 3/IB Standard Level Year 1 introduces literature and advanced grammatical topics of the language. This course is designed to use written and oral expression in the language on a more advanced level. The class is taught by a certified IB instructor and thus promotes an understanding of other cultures (Media and Communications; Global Issues; Social Relationships) through the study of the language. Students may earn an IB certificate or use this course toward the IB diploma if they take the IB exam in Spanish 4/IB SL2.

SPANISH YEAR 4

BSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Prior study of the language

Length: 1 Year

Credit: WL - .50 per semester

The fourth year of language is a continuation of concentrated effort to refine the student's abilities in the language. Self-discipline is necessary to successfully complete a larger amount of independent work involved at this level.

SPANISH 4/IB STANDARD LEVEL 2/HIGHER LEVEL 1

HHS

Grade: 12

Prerequisite: Spanish 3/IB SL1

Length: 1 Year

Credit: WL - .50 per semester

Spanish 4/IB SL2/HL1 is a continuation of studies in Spanish 3/IB SL1 and includes the global issues, communication, and media and social relationships with emphasis on societies in turmoil and current events. This course helps refine the student's abilities in the language. The class is taught by a certified IB instructor. Students have the opportunity to take the IB SL exam for certification or as part of the requirements for the IB diploma program.

SPANISH 5, INDEPENDENT STUDY

BSHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Prior study of the language

Length: 1 Year

Credit: EL - .50 per semester

Continuing language study offered through independent study.

SPANISH 5/IB HIGHER LEVEL 1

HHS

Grade: 12

Prerequisite: Spanish 4/IB SL2/HL1

Length: 1 Year

Credit: WL - .50 per semester

Spanish 5/IB HL focuses on advanced literature and its cultural and historical influence. It is a combination of concentrated effort to refine the student's abilities in the language with a goal approaching fluency. Self-discipline is necessary to successfully complete a larger amount of independent level work involved at this level. The class is taught by a certified IB instructor. Students have the opportunity to take the IB SL exam for certification or as part of the requirements for the IB diploma program.

LATIN I

HHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: EL - .50 per semester

All first year foreign language courses will deal with beginning language concepts, structures, vocabulary, and culture. Emphasis will be on reading, writing, listening, and speaking.

LATIN II

HHS

Grade: 9, 10, 11, 12

Prerequisite: Latin I

Length: 1 Year

Credit: EL - .50 per semester

All second year foreign language courses review and build upon the basic skills learned at the first year level. Students improve their ability in all four language skills—reading, writing, listening and speaking—and continue to study the culture of the target language. The course also introduces literature and advanced grammatical topics of the language.

LATIN 3/4/IB SL

HHS

Grade: 10, 11, 12

Prerequisite: Latin II

Length: 1 Year

Credit: WL - .50 per semester

As Latin is a classical language, students will explore literature written in Latin. Through their study, students will find a firmer grasp of the language, as well as Roman culture, its uses and its manifestations in many languages all over the world, including English. Over the course of two years, students will focus on grammar, vocabulary and culture through the study of selections from Ovid's *Metamorphoses* and *Heroides*, Vergil's *Aeneid*, Livy's *Ab Urbe Condita*, and Cicero's *Pro Caelio*. Since the course is taught by a certified IB instructor, students may earn an IB certificate or use this course toward an IB diploma by taking the IB exams in the second year. This course is open to all students regardless of affiliation with the IB program.

BSHS; HHS; SSHS:

MANDARIN CHINESE 1

BSHS; HHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: None

Length: 1 Year

Credit: EL - .50 per semester

All first year foreign language courses will deal with beginning language concepts, structures, vocabulary, and culture. Emphasis will be on reading, writing, listening, and speaking.

MANDARIN CHINESE 2

BSHS; HHS; SHS

Grade: 9, 10, 11, 12

Prerequisite: Mandarin Chinese 1

Length: 1 Year

Credit: EL - .50 per semester

All second year foreign language courses review and build upon the basic skills learned at the first year level. Students improve their ability in all four language skills—listening, speaking, writing, and reading—and continue to study the culture of the target language.

ARABIC 1**BSHS; HHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** None**Length:** 1 Year**Credit:** EL - .50 per semester

All first year foreign language courses will deal with beginning language concepts, structures, vocabulary, and culture. Emphasis will be on reading, writing, listening, and speaking.

ARABIC 2**BSHS; HHS; SHS****Grade:** 9, 10, 11, 12**Prerequisite:** Arabic 1**Length:** 1 Year**Credit:** EL - .50 per semester

All second year foreign language courses review and build upon the basic skills learned during the first year. Students improve their ability in all four language skills – listening, speaking, writing, and reading – and continue to study the culture of the target language.

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