

TRADITION & PRIDE

Principals

E.A. Steere, 1899-1901
G. A. Ketchum, 1902-1911
B. E. Whittaker, 1912-1913
Frank Cummings, 1914-1915
F. O. Randall, 1916-1924
Payne Templeton, 1924-1936
Titus Kurtichanov, 1936-1942
R. H. Wollin, 1942-1947
Kenneth A. Rawson, 1947-1961
Vernon Day, 1961-1962
W. W. Personen, 1962-1968
J. W. Ballard, 1968-1976
Bill Vogt, 1976-1993
Cathryn McDevitt 1993 -1997
Gary Martin 1997-1999
Callie Langohr 1999-2006
Peter Fusaro 2006-2017
Michele Paine 2017-Present

School Song

(Tune: "On Wisconsin")
On, oh Flathead! On, oh Flathead!
Fight right down that line;
Take the ball around the end—
A touchdown (Basket) sure this time!
RAH! RAH! RAH!
On, oh Flathead! On, oh Flathead!
Fight on for your fame!
Fight! Flathead, Fight! Fight! Fight!
We'll win this game!

Fight Song

Hail to our victors valiant
Hail to our conquering heroes
Hail, hail to Flathead High
The Braves are the best!
RAH! RAH! RAH!
Hail to our victors valiant
Hail to our conquering heroes
Hail, hail to Flathead High
The champions of the west!
(Sing the above verses twice, then spell out Flathead
Braves).

School Colors

Black and Orange

School Mascot

Flathead Brave and Bravette

School Logo



School Themes

| | |
|-----------|---------------------------------|
| 1999-2000 | Celebrate Teaching and Learning |
| 2000-2001 | Team Flathead |
| 2001-2002 | Connect the Dots |
| 2002-2003 | Pay It Forward |
| 2003-2004 | Choose To Lead |
| 2004-2005 | Power of One |
| 2005-2006 | Create Your Story |
| 2006-2007 | Simply the Best |
| 2007-2008 | Live the Legacy |
| 2008-2009 | Expect Greatness |
| 2009-2010 | Don't Stop Believing |
| 2010-2011 | Dream Believe Achieve |
| 2011-2012 | Success - Nothing Less |
| 2012-2013 | It's The Pride Inside |
| 2013-2014 | Capture Our Spirit |
| 2014-2015 | World Class |
| 2015-2016 | Born to be Brave |
| 2016-2017 | Be Brave~Be The Difference |
| 2017-2018 | Old School and Proud! |

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HANDBOOK PURPOSE

This handbook has been prepared to provide students and parents with information on registration for courses at Flathead High School. Guidelines are presented to give assistance in developing a class schedule consistent with student ability, interests and post high school plans. Students are expected to spend time studying this handbook in order to make wise course selections and plan for all four years of high school. Students should work to choose classes with their post high school plans in mind while challenging themselves academically. To help students decide which courses are appropriate, the following suggestions are offered:

- Study this handbook carefully!
- Give special attention to Schedule Planning Guidelines in this section.
- Students should seek advice and information from teachers, parents and members of the counseling staff in selecting courses.

Students and staff are expected to support and comply with state and federal laws. It is the goal of Flathead High School to establish a system of education which will develop the full potential of each person. This means each person is guaranteed equality of educational opportunity, and the right to be free from discrimination because of race, creed, sex, religion, color, physical or mental handicap, age or national origin.

Schedule Planning Guidelines

Students are required to enroll in 6 academic solids each semester, but be accountable for seven periods. Juniors can use the seventh time slot for a study hall, academic solid, student aide position, or period 7 early release. Seniors can use the seventh time slot for a study hall, academic solid, student aide position, period 1 late arrival or period 7 early release. Other class load arrangements must be made in consultation with a school counselor, parent, and approval of the administration. College bound students should consult the College Preparatory Curriculum in order to make sure their course selections match college entry requirements.

Montana Career Information System

The Montana Career Information System is one of the best sources to help you learn about yourself and decide on a career, choose where you would like to receive your education, and learn about the process of getting a job. The site allows you to conduct comprehensive skills and aptitude testing, college or technical school exploration and takes you through all the steps for successful job attainment. There are many tutorials in the system, including help with job applications, resumes, cover letters, networking, interest testing and interviewing skills. MCIS also allows you to create your personal portfolio on the site, store results from your assessments and searches, and access them again later. Please visit www.smartaboutcollege.org. You will need a username and password provided by the Career Center.

Schedule Changes

After the initial registration process, additional changes to a student's schedule shall be made through the student's counselor. Changes will only be allowed for computer errors, overloaded classes, classes not requested, teacher recommendation, or unique circumstances. Students are expected to choose classes wisely during the registration process and not make changes after the registration process.

Course Cancellations

Every effort is made to offer a selection of courses to meet the needs of a wide variety of students. On occasion, courses are canceled after the registration process. Reasons for course cancellations include, but are not limited to:

- The class did not meet minimum enrollment requirements.
- Failure of mill levy will lead to staffing reductions.

If a course is canceled, the student may sign up for alternative course(s) or study hall may be chosen or assigned.

Class Retakes

All classes attempted at FHS and all acceptable transfer credits shall be recorded on the transcript. If a student repeats a class that was previously passed, the highest grade will be used when computing the GPA and class rank, but both grades will be listed on the transcript. In a class retake, credit shall be awarded only once (except Math).

FHS COUNSELING SERVICES

FHS Counseling Offices

The counseling offices are located on the main floor. An office manager is available to make appointments for students and to provide information. The department assists in testing, educational planning in high school, post high school planning, and individual and group counseling. All students are invited to make use of the counseling department as the need arises.

Office hours are from 8:00 a.m. to 3:30 p.m. The office is closed Monday's 9 - 10am and Thursday's 8 - 12 noon. Parents and/or students wishing to contact a school counselor to assist in the registration process may schedule an appointment by calling 751-3525.

FHS Career Center

The Career Center is available to students, faculty, parents, and community members as a comprehensive career/educational resource. The purpose of the Career Center is to aid students in exploring and developing an effective personal career plan through career/educational guidance, individual consulting, career interest testing, and career shadowing. Information on occupations, technical colleges, two and four year colleges/universities, military training, and apprenticeships can be accessed either in printed form or through several state-of-the-art computer programs and the Internet. Over 140 state and regional technical schools and college/universities as well as military representatives visit the Career Center to talk with and answer students' questions.

The Career Center is open from 8:00 a.m. to 3:30 p.m. and closed Thursdays 8 a.m. - 12 noon and daily from 12:30 - 1:00pm for lunch. Parents and/or students wishing to contact the Career Center to assist in the registration process may schedule an appointment by calling Cindy Allen at 751-3661 or by e-mail allenc@sd5.k12.mt.us.

MHSA and FHS Activities Eligibility

To be eligible for any activity sponsored by FHS or MHSA, including athletics, drama, music, student government, or any other school sponsored activity that requires practice on a regular basis outside the regular school day, a student must meet all three of the following criteria:

- The student must be currently enrolled in six classes, all of which must be classified as "solids." All credited classes offered during the school day are considered to be "solids" with the exception of student aide and study hall.
- The student shall not have received any of the following marks during the previous semester: unsatisfactory "U", conditional "X", incomplete "I", failing "F", withdraw "W" or no credit "N".
- The student must have been enrolled in an educational program the previous semester.

If a student is in Running Start and participates in MHSA sponsored activities, the student must still register for at least two FHS academic (solid) courses each semester and must receive at least two high school credits from Running Start classes in order to remain eligible.

It is the student's responsibility to make sure his or her current academic schedule and grades meet the activities eligibility criteria. Students need to be careful when making schedule changes so that they do not inadvertently make themselves ineligible. The administration will not support a student request to drop a course after his or her activity season is complete. Students are expected to stay enrolled in six classes the entire semester.

NCAA Athletic Eligibility

Students should work with their high-school counselors, the coaches who recruit them, and college admissions offices to prepare for the transition to college athletics. It is important for students to ask questions until they understand exactly what they need to do to choose the right college for them. It is the student/athlete's responsibility to meet NCAA athletic eligibility.

A central clearinghouse will certify an athlete's eligibility for Divisions I and II. In order to be registered with the clearinghouse, students must complete the registration process found at www.ncaaclearinghouse.net (also available at www.ncaa.org).

NOTE: Requirements for FHS graduation, entry to Montana University System institutions, and NCAA/NAIA are different. If you plan to compete in athletics OR continue your education at the college level, it is your responsibility to ensure that you meet the criteria required by ALL of the applicable institutions.

Division I Academic Eligibility Requirements

If a student is entering a Division I college or university in the fall of 2017 his or her NCAA initial eligibility will be evaluated using the 16 core - course standard. To be classified as a qualifier under this standard, students need to:

- Graduate from high school;
- Successfully completed 16 core courses as listed below; 10 of the 16 core courses must be completed before start of the seventh semester. The 10 course grades are “locked in”. Grade improvement or replacement is not possible in those 10 specific courses.
- Have a core-course grade-point average and a combined score on the SAT(Math + Critical Reading) or a sum score on the ACT based on the core GPA/test score index.

| |
|---|
| 16 Core Courses |
| 4 years of English |
| 3 years of Mathematics (Algebra 1 or higher level) |
| 2 years of Natural/Physical Science (including 1 year of lab science) |
| 1 year of additional English, Mathematics or Natural/Physical Science |
| 2 years of Social Science |
| 4 years of additional courses (from any area above, International Language, non-doctrinal religion or Philosophy) |

Division II Academic Eligibility Requirements

To be classified as a qualifier, students will need to:

- Graduate from high school;
- Have a GPA of 2.00 in a successfully completed core curriculum of at least 16 academic course units as follows; 10 of the 16 core courses must be completed before start of the seventh semester. The 10 course grades are “locked in”. Grade improvement or replacement is not possible in those 10 specific courses.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier/partial qualifier sliding scale.

| |
|---|
| 16 Core Courses: |
| 3 years of English |
| 2 years of Mathematics (Algebra 1 or higher level) |
| 2 years of Natural or Physical Science (including 1 year of lab science) |
| 3 year of additional English, Mathematics or Natural/Physical Science |
| 2 years of Social Science |
| 4 years of additional courses (from any area above, International Language, non-doctrinal religion or Philosophy) |

For more information see www.ncaaclearinghouse.net

NAIA Eligibility Regulations

As entering freshman, students must meet two of the following three entry level requirements.

- Achieve a minimum of 18 on the ACT or 860 combined score on the SAT (Math and Critical Reading). Scores must be achieved on a single test. Writing scores are not considered in scoring.
- Achieve a minimum overall high school grade point average of 2.00 on a 4.00 scale.
- Graduate in the top half of your high school graduating class.

The ACT/SAT test must be taken on a national testing date and certified to the institution prior to the beginning of the term in which the student initially participates.

For more information go to: www.ncaaclearinghouse.net

Montana University System Graduation Requirements

| | |
|--|--|
| MSU-Bozeman and MSU-Billings 22 ACT OR 1540 SAT OR 2.5 GPA on a 4.0 Scale OR rank in top ½ of graduating class AND complete required college prep courses | UM-Missoula and Montana Tech of the University of Montana 22 ACT OR 1540 SAT OR 2.5 GPA on a 4.0 Scale OR Rank in top ½ of graduating class AND complete required college prep courses |
| MSU-Northern 20 ACT OR 1440 SAT (4 year programs) OR 960 SAT (2 year programs) OR 2.5 GPA on a 4.0 scale OR rank in top ½ of graduating class AND complete required college prep courses | UM-Western Montana College 20 ACT OR 1440 SAT (4 year programs) OR 960 SAT (2 year programs) OR 2.5 GPA on a 4.0 scale OR rank in top ½ of graduating class AND complete required college prep courses |
| Montana Community Colleges: Dawson, Flathead, Miles High school transcript or GED certification College placement scores (Compass, Asset or ACT scores for general placement) | Montana Colleges of Technology: Helena, Missoula, Bozeman, Billings, Great Falls, Butte Graduate from high school, present high school transcript, or GED certification College placement scores (Compass, Asset or ACT scores for general placement) |

College Preparatory Curriculum, Montana University System

- Four years of English. The content of the courses should have an emphasis upon the development of written and oral communication skills and literature.
- Three years of mathematics. This shall include Algebra 1, Geometry, Algebra 2/Trigonometry. Students are encouraged to take a math course their senior year. Note: In school systems where a student may take Algebra 1 in the 8th grade, the student must still complete 3 years of college preparatory math in high school. (Algebra 1 in 8th grade does not meet rigorous core).
- Three years of social studies. This shall include Western Civilization – 1.0 credit, 20th Century American History – 1.0 credit, and American Government - .5 credit. Economics, Psychology, Contemporary Issues, Great American Leaders, and American Culture are semester electives that will fulfill the remaining .5 credit.
- Two years of laboratory science.
- Two years chosen from the following:
 - foreign language (preferably two years), or
 - visual and performing arts, or
 - vocational education units that meet the Office of Public Instruction guidelines

Additional Montana University System Admissions Requirements

Note: The standards on the previous page are general admissions guidelines. Admissions requirements vary from college to college. Please see the Montana University System website at <http://mus.montana.edu/admissions.htm> for important college-specific admissions information.

All students must take the SAT or ACT for admissions. If a student chooses to take the ACT, he or she must register for the optional writing assessment or opt to take the Montana University System Writing Assessment. Additionally, there are minimum ACT or SAT Math and Writing score requirements for all 4 year colleges.

GRADUATION INFORMATION

GRADUATION REQUIREMENTS

The purpose of high school graduation requirements is to establish rigorous standards of learning. Graduation requirements are intended to provide the student with a well-rounded education in a variety of subjects and should be viewed as minimums. We encourage all students to pursue the most rigorous plan possible during all four years. Graduation requirements are those in effect when the student entered the 9th grade for the first time. Requirements for FHS graduation, entry to Montana University System Institutions, and NCAA/NAIA are different. If you plan to compete in athletics or continue your education at the college level, it is your responsibility to ensure that you meet the criteria required by all the applicable institutions.

| SUBJECT | CREDITS |
|--|---------|
| English Two semesters of literature study and one semester of composition are required | 4.0 |
| Social Science Includes 1.0 credit of Western Civilization in Grade 10; 1.0 credit of 20th Century American History in Grade 11; 0.5 American Government | 2.5 |
| Math This should include 1.0 credit of math in each year grades 9-11 | 3.0 |
| Science This should include 1.0 credit of Biology in grade 9 and 1.0 credit of Earth Science or Chemistry in Grade 10 | 2.0 |
| International Languages | 0 |
| Fine Arts (Art, Music, Theatre) | 1.0 |
| Health/Physical Education This should include 0.5 credit and 1.0 credit of PE | 1.5 |
| Career & Technical Education (Vocational/Business) | 1.0 |
| A.C.E. 1 (Academic and Career Exploration 1) | .5 |
| A.C.E. 2 (Academic and Career Exploration 2) | .5 |
| General Electives | 6.0 |
| Total | 22 |

RIGOROUS CORE

Students who are selected to compete for the MUS Honors Scholarship must complete a rigorous core. Please see your guidance counselor for further requirements.

| COURSE | RIGOROUS CORE | UNITS (YRS) |
|----------------|--|-------------|
| Mathematics | Algebra I, II, and Geometry (or the sequential content equivalent) and a course beyond Algebra II (such as Trigonometry, Pre-Calculus, Computer Math, or course equivalent). | 4 |
| English | See graduation requirements | 4 |
| Science | To be 3 credits of lab science | 3 |
| Social Studies | Western Civilization, American History, Am. Government, and a Social Studies elective. | 3 |
| Electives | Recommendation: 2 yrs of second language, music, fine arts, speech/debate, career and technical education (such as information technology, computer science). | 3 |

GRADUATION RESPONSIBILITIES

It is the student's responsibility to satisfy all of the FHS graduation requirements on time. Students not meeting FHS graduation requirements will not participate in the graduation ceremony. The diploma will be issued after all graduation requirements have been satisfied. Students are strongly urged to vigorously pursue their studies so they can participate in the graduation ceremony.

Students needing credits from accredited correspondence courses or other accredited educational institutions must make sure the credits have been submitted to the counseling office by the Friday prior to graduation. Please pay close attention to details such as processing and mailing time so time does not run out. Procrastination on the part of the student may, unfortunately, keep the student from participating in graduation ceremonies.

EARLY GRADUATION

Students choosing to graduate before completing their four years of high school need to contact their school counselor for additional information.

DISTINCTION REQUIREMENTS

| Curriculum Area | Merit Distinction | Career Field Distinction | Fine Arts Distinction | Health Science Distinction | Engineering Distinction | International Language Distinction | Civics Distinction | Ag Distinction |
|--|--|--|--|--|---|---|--|--|
| | Successful completion of 6 credits in IB classes and test in 3 | Successful completion of 3 credits in a career Field focus | Successful completion of 4 years in music or Visual Arts or 3 years in Theatre | Successful completion of 3 credits of Biomedical Science | Successful completion of 3 credits of Engineering Focus | Successful completion of 4 years of an International Language focus | Successful completion of 4 credits of Social Science | Successful completion of 4 credits of Agricultural Education |
| | Gold | Red | Lavender | Teal | Navy Blue | Light Blue | Gray | Burgundy |
| English | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Social Science | 3.0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 4.0 | 2.5 |
| Math | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 |
| Science | 3.0 | 2.0 | 2.0 | 4.0 Includes Organic Chem | 4.0 Includes IB Physics I | 2.0 | 2.0 | 2.0 |
| International Language | 2.0 Same Language | 0 | 0 | 0 | 0 | 4.0 Same Language | 0 | 0 |
| Fine Arts (Art, Drama, Music) | 1.0 | 1.0 | 4.0/3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Health Enhancement | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| Career & Technical Ed (Vocational/ Business) | 1.0 | 1.0 | 1.0 | 3.0 | 3.0 | 1.0 | 1.0 | 1.0 |
| I.T. Essentials | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 |
| A.C.E. 1 21st Century | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 |
| General Electives | 4.5 | 4.0 | 3.0/4.0 | 2.0 | 1.0 | 2.0 | 4.5 | 2.0 |
| Career Field Major Electives | 0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 4.0 |
| Total | 24 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| Additional Requirements | Each department has specific criteria that must be met to be eligible for the cord at graduation. Criteria may include, but is not limited to, courses, community service, cumulative GPA, department activities, etc. Please see the department leader for additional information on the requirements for the cord. | | | | | | | |

ACADEMIC RECOGNITION SUMMARIZED

| Title of Honor | Cord Color | Criteria Description |
|------------------------------------|--------------|--|
| IB Diploma | Orange Stole | Full IB Diploma |
| Summa Cum Laude | Orange | 4.0 cumulative GPA for 8 semesters |
| Magna Cum Laude | Silver | 3.75-3.99 cumulative GPA for 8 semesters |
| Cum Laude | White | 3.5-3.74 cumulative GPA for 8 semesters |
| Merit Distinction | Gold | 6 IB Credits and complete exams in 3 classes Note: see school counselor for additional requirement details. |
| Career Field Distinction | Red | 3 credits of a career focus in either Ag, Architecture, Business, Construction, Metals, Transportation, or FCS. Note: Also includes participation in BPA, FFA, FCCLA, HOSA, or Skills USA. See department leader for additional requirement details. |
| Fine Arts Distinction | Lavender | Music-4 consecutive credits in either band, orchestra, or choir, maintain a 3.2 GPA, and earn at least 2 music letters Theatre-3 credits of theatre classes, maintain a 3.2 GPA, and earn at least 2 theatre letters Visual Arts-4 credits of visual arts classes, maintain a 3.2 GPA, submit a portfolio, and present a public exhibition. See department leader for additional requirement details. |
| Health Science Distinction | Teal | 3 credits of Biomedical science focus, 4 credits of science (Including Organic Chem), maintain a 3.2 GPA, participate in HOSA, Science Club, or complete a health internship. See department leader for additional requirement details. |
| Engineering Distinction | Navy Blue | 3 credits of CTE courses including Tech Ed or Computer Science or Information Technology in a Global Society, 4 credits of Science including IB Physics I, maintain a 3.2 GPA, participate in Tech, Math, or Science Club or an engineering internship. See department leader for additional requirement details. |
| International Language Distinction | Light Blue | 4 credits of an international focus, participate in an International Language or focus club, maintain a 3.2 GPA. See department leader for additional requirements. |
| Civics Distinction | Charcoal | 4 credits of a social studies focus that includes Global Politics or 20th Century History, participate in Model UN and Speech & Debate for two years, maintain a 3.2 GPA, 20 hours of volunteerism or civic engagement. See department leader for additional requirements. |
| Agriculture Distinction | Burgundy | 4 years of Agricultural Education coursework, perform community service, and complete a Supervised Agriculture Experience. See department leader for additional requirements. |

PROGRAM DESCRIPTIONS

Running Start

The Running Start program is a partnership between FHS and Flathead Valley Community College that allows high school juniors and seniors to enroll in college classes and earn both high school and college credits. Running Start registration for fall semester at FVCC is mid August, for spring semester is mid December, and for summer classes is early May. Contact FVCC at 756-3847 or the FHS Counseling Department at 751-3525 for exact dates. To be eligible for Running Start students must:

- Be enrolled in at least four courses per semester at FHS
- Maintain the equivalent of a full time course load between FHS and FVCC
- Pass a placement test at FVCC
- Complete a Running Start application

More information on Running Start and applications are available through the FHS counselors in the Counseling Department.

Concurrent Enrollment

The concurrent enrollment program is a partnership between FHS and FVCC that allows high school juniors and seniors to take FVCC courses taught at our high schools and concurrently earn both high school and college credit. The student is responsible for all college tuition, fees, books and materials. Contact the counseling department at FHS for exact details. Eligibility requirements mirror that of the Running Start program.

Title 1

The school provides supplemental tutorial assistance to students who need help in math, content reading, writing, and study skills. The instruction is accomplished primarily in a collaborative model with regular classroom instructors. A skill proficiency grid, classroom grades and diagnostic test results are used to determine if a student qualifies for Title 1 services. Please contact 751-3408 for information.

Freshman Academy

The Flathead High School Freshman Academy is a small learning community of students assigned to a team of committed, involved and caring staff. The staff team will strive to promote:

- ◆ The successful transition for all students
- ◆ A strong curriculum based on the three R's: Rigor, Relevance and Relationships
- ◆ Teaching students on three levels: academic, social and cultural
- ◆ A safe and structured learning environment so all students may realize their full potential
- ◆ A strong partnership with parents, administration, counselors, teachers and community
- ◆ Knowing every student on an individual basis
- ◆ And in the future endow our nation with productive, contributing, and involved citizens

Montana Digital Academy

In order to participate in Montana Digital Academy courses, students must be enrolled in a minimum of four (4) classes on campus. Students who wish to enroll in courses must meet with their school counselor for approval. All grades received from Montana Digital Academy will be listed on the student's transcript. Students will receive an F on their transcript if a course is dropped after the drop date. See your counselor for more information.

Work Experience

This program gives students the opportunity to explore different careers and gain skills that are required in their work environment. There are opportunities for students to participate in job shadows, internships, aptitude and career interest testing/ASVAB and related community based activities. Contact the FHS Career Center for more information.

- Job Shadow - The Job Shadow program gives FHS students the opportunity to spend two days per semester with a business or career professional to gain information about their future occupational interest. Job shadows are most effective when integrated with the career education, goals, and professional interests.
- Internships - See the general elective section of this book for the complete description of the Internship Program.

Parent Access to Attendance and Grade Information

Parents can obtain current information on their son/daughter's progress by accessing our PowerSchool Parent Portal. The on-line access consists of: attendance - absences, tardies, skips etc.; most recent report card; GPA history; grade history for all high school classes; current class schedule; links to course assignments; and progress reports. To obtain the information, access the school web site at <http://www.sd5.k12.mt.us/fhs/> and then click on the PowerSchool link on the menu on the left; then click Student/Parent Portal. Every effort has been made to ensure security, so no names are included on the site and access to student information will be only by the use of an assigned ID and PIN number. Please contact the main office at 751-3500 if you forget your ID or PIN numbers.

English as a Second Language

Students who experience difficulty in verbal and written language due to speaking English as a second language can receive assistance in learning English as a second language. Please contact 751-3572 for information.

Reading Intervention

FHS offers reading instruction to any student who indicates a need and desire to become a better reader. Students gain practical reading skills through a proven program that is dignified, age-appropriate, and effective. Please contact the reading specialist at 751-3572 for information.

INTERNATIONAL BACCALAUREATE

“Through comprehensive and balanced curricula coupled with challenging assessments, the International Baccalaureate Organization aims to assist schools in their endeavors to develop the individual talents of young people and teach them to relate the experience of the classroom to the realities of the world outside. Beyond intellectual rigor and high academic standards, strong emphasis is placed on the ideals of international understanding and responsible citizenship, to the end that IB students may become critical and compassionate thinkers, lifelong learners and informed participants in local and world affairs, conscious of the shared humanity that binds all people together while respecting the variety of cultures and attitudes that makes for the richness of life.”

Diploma Programme

The IB Diploma Programme is a comprehensive two-year college preparatory curriculum for juniors and seniors. Recognized throughout the world for its rigor and excellence, this curriculum gives diploma holders access to the world's leading universities and solid preparation for high achievement once enrolled. The IB curriculum emphasizes critical thinking, analysis and writing skills. Studies have shown that IB students are more likely to be accepted to their first choice college and do better once they are there than students who have not taken this type of college preparatory program.

Assessing Student Work

An essential element of IB assessment is that standards are the same worldwide. Member schools are scattered across continents and examiners represent many cultural and academic traditions, yet the organization measures student performance according to established standards and criteria that are consistent from place to place and year to year. Typically there is a series of written examinations at the end of the course. Conventional external examination techniques are chosen from a variety of options: oral and written, long and short responses, data-based questions, essays, and multiple-choice questions. Specialized forms of assessment appropriate to the nature of a given discipline are also used for curricula areas such as visual arts, theater arts, and music.

Methods used by examiners external to the local school are complemented by internal assessment of coursework by the teachers responsible for evaluating students over the entire period of instruction. This is an important aspect of the overall assessment strategy because it gives students a chance to show what they can do over time, not just in the pressured context of a final examination.

Advantages of the IB Programme

- Students demonstrate academic achievement in a broad-based curriculum including English, Second Language, Social Studies, Science, Math, and Fine Arts
- Students who challenge themselves are better prepared for college
- Students become skilled in writing, critical thinking, analysis, and research
- Students develop an international perspective
- Students develop time management and organizational skills needed for college

Participation in FHS International Baccalaureate Courses

Participation in IB courses at Flathead High School is open to all juniors and seniors who have completed the pre-requisite courses. Students may choose to participate in the full IB Diploma Programme, may take individual IB courses for IB Certificates, or may take IB courses only for credit towards graduation requirements.

1. **Individual IB Certificates:** Students select individual IB classes to take during the junior and senior years. We encourage all students to take IB courses as excellent preparation for success in college and career. Students may choose any number of IB classes to take, depending on their interests. If students complete the requirements of the course and pass the IB exam, then they will be granted an IB certificate. Many universities grant college credit to entering freshmen that do well on exams. We cannot guarantee credit at all colleges, and students must check with their college of interest to determine their credit policy.
2. **Full IB Diploma Programme:** This rigorous program requires students to show academic strength in six different subject areas. Earning the IB diploma forms an excellent basis for successful college work after graduation from FHS. Meet with the IB Coordinator for complete details concerning the IB Diploma and develop a personal plan for your courses.

Exam Fees and the Registration Process

There are no fees for students who do not wish to sit for exams at the end of an IB course. Only students who wish to be awarded the IB Certificate or Diploma sit for exams and pay fees. To earn the IB designation on higher level courses, students must register and take the IB external assessment during their senior year. FHS will not discriminate against students who cannot afford to pay for the exams. Visit the FHS website for current IB exam fees and forms or contact Kelli Higgins, IB coordinator at 751-3478, or e-mail fhsib@sd5.k12.mt.us

Full IB diploma candidates must meet with the IB coordinator to plan their curriculum to ensure that the student's schedule will meet the requirements for the diploma.

FHS COURSE SELECTIONS GRADES 9, 10, 11, 12

2018 – 2019



FHS COURSE OFFERINGS

GENERAL ELECTIVES

Community School
Digital Multimedia & Broadcast
Foundations of Leadership
Peer Tutor
Student Aide
Study Hall
Theory of Knowledge 1 IB
Theory of Knowledge 2 IB
Yearbook

ART

Art Foundations
Art IB Visual Art (SL) or (HL)
Art Survey
Ceramics
Ceramics/Sculpture 2
Drawing 1 & 2
Film Production/Motion Graphics
Graphic Design 1 & 2
Jewelry and Metals
Painting 1 & 2
Sculpture

BUSINESS

A.C.E. 1 (Academic Career Exploration)
A.C.E. 2 (Academic Career Exploration)
Accounting 1, 2, & 3
Business & Management IB (SL or HL)
Computer Science Applications
Computer Science & Software Engineering
Entrepreneurship
Information Technology in the Global Society IB (ITGS)
Introduction to Business
Introduction to Computer Science
Introduction to Multimedia
Marketing 1
Marketing 2
Personal Finance
School Based Enterprise (SBE - Braves Coffee Co.)

AGRICULTURE

Agriculture 1, English 9, Biology
Agriculture 2 and English 10
Agriculture 3
Agriculture 4 and Economics
Natural Resources of Montana

ARCHITECTURE

Drafting/CAD 1
CAD/CAM 2, 3, 4
Housing and Interior Design

BIOMEDICAL SCIENCE

BioMedical Science 1 - Principles of BM Sciences
BioMedical Science 2 - Human Body Systems
BioMedical Science 3 - Medical Interventions
BioMedical Science 4 - BioMedical Innovation

CONSTRUCTION SKILLS

Housing Construction 1 & 2
Intro to Building Trades
Technology Education
Woods 1, 2, 3, & 4

METALS AND MANUFACTURING

Introduction to Metals Process
Metals Process & Manufacturing. 1, 2 & 3
Welding Certification Program

TRANSPORTATION

Automotive 1, 2, 3 & 4

FAMILY AND CONSUMER SCIENCES

Culinary Arts 1 & 2
Culinary Arts 3: ProStart
Culinary Arts 4: ProStart
Early Childhood Education 1 & 2
Housing & Interior Design
Design 2 & 3
Travel and Tourism

ENGLISH LANGUAGE ARTS

Acting 1 Process, Practice and Philosophy
Acting 2 Process and Performance IB (SL) or (HL)
Acting 3 Directing and Design IB (SL) or (HL)
Acting 4 Advanced Acting IB (SL) or (HL)
American Literature
Composition
Creative Writing
English 9
English 9, Agriculture 1, and Biology
English 9 Honors
English 10 Basic
English 10 Literature
English 10 Communication
English 10 Honors
English 10 and Agriculture 2
English 11 Basic
English 11 IB Literature (HL)
English 11 IB Language and Literature (HL)
English 12 Basic
English 12 IB Literature (HL)
English 12 IB Language & Literature (HL)
Learn and Serve
Montana & Native American Literature
Mythology
Newspaper Journalism
Poetry
Reading Intervention
Science Fiction and Fantasy
Speech Workshop
Success in Reading
Technical Theater 1
Technical Theater 2
Theatre as Literature IB (SL) or (HL)
Yearbook (general elective credit only, non-English)

HEALTH ENHANCEMENT

Aerobics
Foundations of Leadership
Health
Physical Education - Athletic Foundations
Physical Education - Life Skills
Sports Medicine
Strength & Conditioning

INTERNATIONAL BACCALAUREATE

20th Century Issues (HL)
Acting 2 Process and Performance IB
Acting 3 Directing and Design IB
Acting 4 Advanced Acting IB
Art IB
Biology 1 IB (HL)
Biology 2 IB (HL)
Business & Management IB (SL or HL)
Calculus IB (SL)
English 11 IB Literature (HL)
English 11 IB Language and Literature (HL)
English 12 IB Literature (HL)
English 12 IB Language and Literature (HL)
Environmental Systems 1 IB (SL)
Environmental Systems 2 IB (SL)
French 3, 4 IB (SL)
Global Politics IB (SL)
History of the Americas IB (HL)
Information Technology in the Global Society IB (ITGS)
Math Studies IB (SL)
Music IB (SL)
Pre-Calculus IB
Physics 1 IB (SL)
Physics 2 IB (SL)
Psychology IB (SL)
Spanish 3, 4 IB (SL)
Theatre as Literature IB
Theory of Knowledge 1 IB
Theory of Knowledge 2 IB

INTERNATIONAL LANGUAGES

French 1
French 2 Ab Initio
French 3 IB/Ab Initio
French 4 IB
Spanish 1
Spanish 2 Ab Initio
Spanish 3 IB/Ab Initio
Spanish 4 IB

MATHEMATICS

Algebra 1
Algebra 2
Applied Geometry
Calculus IB
Consumer Mathematics
Geometry
Intermediate Algebra
Linear Math/ & Probability
Math Studies IB
Pre - Algebra
Pre-Calculus IB
Statistics
Transition to Algebra

MUSIC

Band
Chamber Orchestra
Choral-Aires
Concert Band
Concert Choir
Concert Orchestra
Dorian Choir
Guitar 1, 2, & 3
History of Rock & Roll
Music IB (SL)
Music Theory and Harmony
Percussion I
Symphonic Band
Varsity Choir (Men)
Varsity Choir (Women)

SCIENCE

Advanced Problems in Science
Agriculture 1, English 9, and Biology
Biology
Biology 1 IB (HL)
Biology 2 IB (HL)
Chemistry Year
Chemistry Semester
Earth Science
Earth Science Basic
Earth Science Honors
Environmental Systems & Societies 1 IB (SL)
Environmental Systems & Societies 2 IB (SL)
Forensics
Introduction to Geographic Information Systems
Organic Chemistry
Physics 1 IB (SL)
Physics 2 IB (SL)
Physics Semester
Sports Medicine
Wildlife Biology

SOCIAL SCIENCE

20th Century American History
20th Century American History Basic
20th Century Issues IB (HL)
American Culture
American Government
American Government Basic
Conflicts and Controversies in Social Studies
Contemporary Issues: Terrorism, Warfare, Hope
Economics
Economics and Agriculture 4
Global Politics IB (SL)
Great American Leaders
Historical Geography
History of the Americas IB (HL)
Psychology
Psychology IB (SL) (HL)
Street Law
Western Civilization Basic
Western Civilization
Western Civilization Honors

FRESHMAN ACADEMY

The purpose of the Freshman Academy is to provide a nurturing environment which caters to the educational, emotional, and social needs of freshmen. The academy will also help insure a smooth transition from the many middle schools to high school. All students will be engaged in a rigorous curriculum which prepares them to be successful in high school. We value and promote cooperation and communication between staff, parents, students, and the community as an important component in a student's success.

We Believe:

- That all students can learn and achieve at a high level.
- That building relationships between teachers and students, the school and the parents, and the school and the community is essential to a student's success.
- In setting high expectations for students.
- In creating an atmosphere that will assist in a smooth transition for freshmen from middle school to high school.

Freshman Academy Goals:

- Improve student achievement
- To provide a successful transition from middle school to high school.
- Create a smaller, safer, and more personal high school learning environment
- Graduate students with necessary tools/skills for transition into postsecondary education and career goals.

Academy Components:

The freshman academy consists of several components. There will be three teams of five teachers who will teach approximately 100 – 110 students. Students will have four classes each semester in the academy. Math, Science, English will be taken for the full year. Health and 21st Century Literacies will be taken for one semester. The classes will be taught in a 4 period block of time. There will be an additional Reading Intervention and Math Lab for students who are at the novice level according to our CRT scores and other forms of assessment done by the district. The staff within the academy will have a common planning time to help meet the needs of the students within their team.

FRESHMAN COURSE DESCRIPTIONS

A.C.E. 1 (ACADEMIC & CAREER EXPLORATION I)

Credit .5; One semester, Grade 9

Prerequisite: None

Course Objectives: This course is designed to introduce students to their future after high school. With foundations starting in goal setting, students will review their personal preferences, skills, talents, and values as a means and pathway to learning about future careers. Along with career exploration and readiness, students will begin to understand and develop a financial foundation, consumer protections, and be economically familiarized with current living costs. Throughout this course, students will develop an understanding of their responsibilities as digital citizens in different technological platforms. This course is rounded out with a final portfolio which students will use throughout their high school careers.

**** ENGLISH 9**

Credit: 1.0; Full year; Grade 9

Prerequisite: None

Course Objectives: This course focuses on writing, speaking, and close reading of fiction and nonfiction literature. Students will write to a variety of purposes and audiences with an emphasis on argumentation and research writing. Students will analyze both formal and informal verbal and nonverbal messages and will participate in class discussions and formal presentations. Language development, style, and grammar and usage skills will be stressed in both close reading and writing practices. Objectives include demonstrating knowledge and competent performance in reading, writing, speaking, listening and language.

(FRESHMAN COURSE DESCRIPTIONS CONTINUED)

HEALTH

Credit .5; One semester; Grade 9

Prerequisite: None

Course Objectives: The course deals with all aspects of health including physical, social and mental health. Health care, awareness, and treatment and prevention of disease are discussed with the intent of developing the individual's obligation for helping maintain a healthful environment. The course includes units covering all aspects of "wellness," such as fitness, nutrition, first aid, drugs and dependency, family life and human growth and development, including sex education and AIDS education. Decision-making is considered in each unit with discussion, activities and information presented to help in learning the process.

BIOLOGY

Credit 1.0; Full year, Grade 9, 10, 11, 12

Course Objectives: Biology is the study of living organisms. Main areas of study will include: historical developments-contributions, atoms, chemical bonding, organic compounds, cells, DNA, genetics & heredity, energy use in photosynthesis & cellular respiration, classification, ecology and human systems. We will also emphasize lab skills, experimental design, and data analysis. As an introductory course in biology, students are prepared for college and IB courses. Students will be introduced to various moral and environmental issues being brought to the fore by research in bioengineering and other areas of biological research. They will be provided with tools to make educated decisions regarding these new technologies and developments. Methods of study will be diversified. Labs, mini-labs, research, writing, projects, video support, and possible fieldwork should keep us actively learning. You supply the enthusiasm and good work ethic and we will be off and running!

ALGEBRA 1

Credit 1.0; Full year; Grades 9, 10, 11, 12

Prerequisite: None

Course Objectives: Algebra 1 is an introductory course focusing on algebraic concepts/skills and their applications to real life situations. These topics are typically studied in a ninth grade mathematics class. Major topics covered are linear equations, linear inequalities, ratios, geometric concepts, statistics, and probability. Students will be introduced to technology consisting of the TI-84 graphing calculator and computer software.

GEOMETRY

Credit 1.0; Full year; Grades 9, 10, 11, 12

Prerequisite: Algebra 1 with a minimum grade of "C" semester 2

Course Objectives: Geometry is a study of geometric concepts using the math of Algebra 1. Technology (graphing calculators and software programs) will be used to explore and demonstrate geometric concepts when appropriate. Some major topics covered are basic geometric concepts, reasoning and proofs, angles and parallel lines, triangles, quadrilaterals, circles, congruency and similarity, transformations, area, surface area and volume.

GENERAL ELECTIVES

COMMUNITY SCHOOL

Credit: .5 - 2.0 (variable credit based on hours scheduled) Fall Semester OR Full Year, Grades 11, 12

Fees: None, but students provide own transportation to/from placement site, along with appropriate clothing and incidental materials/supplies if needed.

Prerequisite: Junior or Senior standing

Course Objectives: Students will apply academic skills and knowledge to practical projects through service learning in community-based placements. Other goals include career exploration, development of effective mentor relationships, and college/career skills such as personal responsibility and initiative.

Course Description: After an interest inventory and skills assessment, students will be matched with a local workplace and mentor/s to develop a hands-on service project that utilizes and expands their academic skills and knowledge. Students will register for one or two periods (fall semester or full year) of Community School, with flexible scheduling to meet the needs of the individual student and placement. Under the guidance of the community mentor and the school advisor, students will design a project-driven internship that incorporates specific learning goals, while providing an outcome of meaningful value to the host organization. Parent involvement and approval are required to finalize the project and placement.

DIGITAL MULTIMEDIA AND BROADCAST

Credit .5; One Semester; Grades 11, 12

Prerequisites: None

Course Objectives: Students will explore digital audio and video editing, photo manipulation and animation. Students will also be responsible for all phases of Flathead Television – design, reporting, recording, editing and production.

Students will be able to create multimedia presentations using different software. They will understand the different media available to them and how to incorporate them into an effective presentation and then deliver a clear presentation to an audience. Students will be introduced to visual communication skills to assist in effective design. Students will design, report, record and produce the FTV morning announcements.

FOUNDATIONS OF LEADERSHIP

Credit .5; One Semester; Grade 11

Prerequisites: Application and signature from the instructor

Course Objectives: To help students identify and enhance their own leadership strengths and guide them to become better servant leaders throughout our community. Through a series of lectures, guided interaction, group exercises and community service, students will explore the principles of servant leadership and learn to develop individual and group leadership skills to impact their lives and community. Content areas include decision making, goal setting, effective communication, servant leadership, organization and time management skills, conflict/negotiation strategies, team building, and concrete strategies to implement positive change throughout our school and community.

PEER TUTOR

Credit .5; One Semester; Grades 11, 12

Credit: General Elective, not considered an academic “solid” course.

Prerequisites: Interested students must apply through the guidance office.

Course Objectives: Students will be participating in a peer to peer tutoring program in which they will be assisting students who are struggling or have questions in math and/or science. This may be done individually, in small groups, or as a classroom assistant. The students will receive a satisfactory “S” or unsatisfactory “U” grade on the semester transcript. If a tutor is earning a “D” or “F” in any course, the tutor may be placed in study hall.

STUDENT AIDE

Credit .5; One semester; Grades 11, 12

Credit: General elective; can be taken only twice for credit; not considered an academic “solid” course

Prerequisite: Minimum GPA of 2.5

Course Objectives: At the beginning of each semester, teachers will advertise in the daily bulletin for help with routine office procedures. Students must get the approval from the teacher to become their aide. Daily attendance is required and the student is under the teacher’s supervision during their aide time. The student will receive a satisfactory “S” or unsatisfactory “U” grade on the semester transcript. If a student aide is earning a “D” or “F” in any course, the student will be placed in study hall until the grade is raised. They may return to student aide at the beginning of the next grading period (midterm, quarter, or semester).

STUDY HALL

Credit: 0.0; Grades 9, 10, 11, 12

Prerequisite: None

Students who are scheduled for study hall are expected to attend. Study hall is not “free time” to leave campus. Students should sign up for study hall only if they plan on being in study hall. If a student does not want to be in study hall, he or she needs to sign up for a course. Study hall attendance and tardies are under the attendance policy guidelines and consequences. Students are expected to use the time productively to complete homework and other class assignments.

THEORY OF KNOWLEDGE 1 IB

Credit: .5; One Semester; Grades 11, 12

IB diploma candidates must take this course during their junior year. Other students may take this course either their junior or senior year.

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: None

Course objectives: The Theory of Knowledge (ToK) class is a seminar in which students have the opportunity to sharpen their critical thinking skills by reflecting on not only what they know, but also how they know. Students will develop skills which allow them to reason critically and communicate clearly both orally and in writing; to connect various ways of knowing, different areas of knowledge, and personal experiences; and to demonstrate an understanding of the ways in which knowledge is affected by judgments, beliefs and personal views. Students will discuss real world issues as a means of exploring the nature of knowledge in the various disciplines, the various ways of knowing, and the problems of knowledge. Students who enroll in this class must be curious and willing to be involved in seminar discussions.

THEORY OF KNOWLEDGE 2 IB

Credit: .5; One Semester; Grades 11, 12

IB diploma candidates must take this course during the first semester of their senior year.

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: ToK 1 is recommended for all students but required only for IB diploma candidates and IB TOK certificate candidates.

Course objectives: ToK 2 continues the curriculum of ToK 1, beginning with a review of the ways of knowing and the nature of knowledge, with a focus on the strengths and limitations of knowledge in each area of knowledge. The course will culminate with a formal oral presentation and a formal paper. Essential to success in the class is curiosity and a willingness to be actively involved in seminar discussions.

YEARBOOK

Credit 1.0 for Full year Grades 10, 11, 12

General elective credit only (**non-English credit**)

Prerequisites: Application to the program is required. Placement in the course is dependent on a B or better average in previous English classes and an excellent attendance record.

Course Objectives: Students in this course learn journalistic skills and marketing skills to produce the school yearbook. Objectives include demonstrating knowledge and competent performance in journalism, graphic design, advertising, and marketing in the creation of the yearbook. This production-based course requires both in class and after school time. Students who work after school or who have time consuming activities are encouraged to talk to the teacher before applying. All students are required to sell advertising to help support the printing costs of the yearbook and ad sales are part of the semester grade.

ART

ART FOUNDATIONS

Credit 1.0; Full year; Grades 9, 10, 11

Materials Fee: \$15

Prerequisite: None

Course Objectives: This course is designed for students who wish to have an in-depth exposure to creating and studying art fundamentals. It is recommended for students planning advanced art studies, especially in Art IB Visual Art (SL) (HL). Upon completion of Art Foundations, the student may enroll in any of the listed art classes in sequence. The skills necessary to create two and three-dimensional art through various media such as paint, graphite, ink, pastels, computer software, and clay are explored during this class. In addition to art production, students will study Art History, Art Criticism and Aesthetics. There will be sketchbook assignments.

ART SURVEY

Credit .5; semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Prerequisite: None

Course Objectives: This course is recommended for students who wish to explore the basics of visual art. Successful completion of this course allows the student to enroll in other semester art classes. The emphasis in this class is upon drawing and design and the skills necessary to create two and three-dimensional art through various media such as paint, graphite, ink, pastels, and clay. In addition to art production, students will study Art History, Art Criticism and Aesthetics. There will be sketchbook assignments.

ART IB (SL) (HL) – VISUAL ART*

Credit 1.0; Full year; Grades 11,12

(International Baccalaureate – Standard Level (1 yr. program), Higher Level (2 yr. program))

IB Requirements: SL & HL: 20% Comparative Study of 3 well known artworks (theoretical practice)

40% Process Portfolio in a Visual Arts Journal (art-making practice)

40% Exhibition of student artwork (curatorial practice)

Materials Fee: \$15

Preferred prior course work: SL– 2 semesters of art; HL – 3 semesters of art

Required: Art instructor's recommendation.

Course objectives: This course is open to accelerated students focusing on advanced practices in the visual arts. These practices are Theoretical, Art-Making, and Curatorial in nature. This program meets the IB full diploma requirement for IB Art (SL or HL). The IB Visual Art course at Flathead High School is intended for students who want to pursue IB certification or diploma. The students enrolling in Art IB explore different facets of the visual arts in an in-depth and thoughtful manner. Students will produce an extensively written Comparative Study which analyzes 3 famous art works, a Process Portfolio which exhibits investigative and visual research with reflective writing and a portfolio of original art work which will be Exhibited to the public as course requirements for both SL and HL . In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to visual art.

****Students wishing to earn the IB higher level designation must enroll in Art IB for 2 years and register for the IB external assessment during the senior year. There is a portfolio testing fee.***

CERAMICS

Credit .5; semester; Grades 9, 10, 11, 12.

Materials Fee: \$15

Prerequisite: Art Foundations or Art Survey

Course Objectives: Students will be acquainted with the basic aspects of designing, forming, glazing, and firing ceramic pieces. Students will create a variety of ceramic projects. In addition to art production, students will study Art History, Art Criticism and Aesthetics. There will be sketchbook assignments. The class will include the history and appreciation of ceramics and pottery with slide lectures, demonstrations, field trips, and guest artists.

CERAMICS/SCULPTURE 2

Credit .5; One semester; Grades 11, 12

Materials Fee: \$15

Prerequisite: Art Survey or Art Foundations AND Ceramics, or Sculpture

Course Objectives: This class is designed for students who are seriously interested in continuing their application of artistic skills in Ceramic and Sculpture art forms. Assignments are designed to draw upon previously learned skills and techniques from prior Ceramic or Sculpture art courses. Students will be expected to use a variety of techniques and media to develop and illustrate their ideas. Assignments are varied and students are encouraged to generate individual and unique responses that exhibit both risk taking and creative thought. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Sculpture and Ceramics.

DRAWING 1

Credit .5; semester; Grade 9,10,11,12.

Materials Fee: \$15

Prerequisite: Art Survey or Art Foundations

Course Objectives: Students will be introduced to a variety of drawing techniques and ideas by using the basic elements and principles of art and individual areas of compositional interest. Students will demonstrate these skills and ideas through project assignments focusing on the exploration of various drawing media. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to drawing. There will be sketchbook assignments. This is a recommended class for students planning advanced art studies.

DRAWING 2

Credit .5; semester; Grade 10,11,12

Materials Fee: \$15

Prerequisite: Drawing 1

Course Objectives: This course is a continuation of Drawing 1. Students will be expected to demonstrate a more advanced variety of drawing skills and ideas by using the basic elements and principles of art and advanced areas of compositional interest. Students will demonstrate these advanced skills and ideas through project assignments focusing on the exploration of various drawing media. . In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Drawing. There will be sketchbook assignments. Students will compile their drawing assignments into a portfolio for semester assessments. ***This is a recommended class for students planning advanced art studies.***

FILM PRODUCTION/ MOTION GRAPHICS

Credit .5; One semester; Grades 11, 12

Materials Fee: \$15

Prerequisite: Art Survey (Graphic Design class strongly suggested)

Course Objectives: This course is designed for students that are interested in advanced media studies in digital Film Production and Motion Graphics. Students in this course will learn the fundamentals of video production, including the techniques and the aesthetics of shooting, lighting, and editing. Emphasizes hands-on production experience, using digital video.

In Motion Graphic Design students will use different elements such as 2D and 3D animation, video, film, typography, illustration, photography, and music to create on-screen visual effects and animated designs for film, broadcast, and the web using industry-standard tools and techniques. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Film Production and Motion Graphics.

GRAPHIC DESIGN 1

Credit .5; semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Prerequisite: Art Foundations or Art Survey

Course objectives: This course teaches the elements and principles of design and how they apply to graphic design. Students learn about the graphic design process, vocabulary, and history of graphic design. Students explore various approaches to graphic design including traditional and digital forms using industry standard software. The course will teach other computer skills such as time management and proper data storage, and using the web as a tool for education. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Graphic Design. Proficient drawing skills are essential for success in this class.

GRAPHIC DESIGN 2

Credit .5; semester; Grades 10,11, 12

Materials Fee: \$15

Prerequisite: Art Foundations or Art Survey **AND** Graphic Design 1

Course Objectives: Students will continue to build on the design and software skills from Graphic Design 1. This class will work on “real life” design projects to extend technology and design skills. Students will use different computer software and design approaches to create Posters, Logos, Products design, and Advanced Graphic Design concepts. Students will continue to learn valuable computer skills they will apply in other classes and can prepare to pursue a career in Graphic Design. Proficient drawing skills are essential for success in this class. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Graphic Design.

JEWELRY AND METALS

Credit .5; semester; Grades 9,10,11,12

Materials Fee: \$15

Prerequisite: Art Foundations or Art Survey

Course Objectives: The students will be expected to demonstrate proficient skills in designing jewelry, working with metals, basic stone setting, and soldering in the process of creating various pieces of finished jewelry, and metal work. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Jewelry Design.

PAINTING 1

Credit .5; semester; grades 9,10, 11, 12

Materials Fee: \$15

Prerequisite: Art Foundations or Art Survey

Course Objectives: Drawing and sketches will be required as students learn to use the painting tools, materials, and techniques to transfer their drawings and ideas into paintings. Students will be expected to demonstrate proficient painting skills by the completion of project assignments in media such as watercolor, tempera, gouache, acrylic, or ink. There will be sketchbook assignments. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Painting. Proficient drawing skills are essential for success in this class.

PAINTING 2

Credit .5; semester; grades 10, 11, 12

Materials Fee: \$15

Prerequisite: Painting 1

Course Objectives: Students will apply the techniques and styles they learned in Painting 1 to create paintings with original content and composition. There will be more emphasis upon planning projects and reflection on completed work while exploring acrylic, oil, and mixed media. The student will be expected to demonstrate proficient painting skills by the completion of the project assignment. In addition to art production, students will study Art History, Art Criticism, and Aesthetics. There will be sketchbook assignments. Students will compile their painting assignments into a portfolio for semester assessments. Proficient drawing skills are essential for success in this class.

SCULPTURE

Credit .5; semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Prerequisite: Art Foundations or Art Survey

Course Objectives: Students will be acquainted with the basic aspects of designing, shaping, and forming three-dimensional works of art. Students will work with a variety of materials, such as stone, metal, wax, and paper. In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to Sculpture. The class will include the history and appreciation of sculpture with slide lectures, demonstrations, and field trips.

BUSINESS

A.C.E. 1 (ACADEMIC & CAREER EXPLORATION 1)

Credit .5; One semester, Grade 9

Prerequisite: None

Course Objectives: This course is designed to introduce students to their future after high school. With foundations starting in goal setting, students will review their personal preferences, skills, talents, and values as a means and pathway to learning about future careers. Along with career exploration and readiness, students will begin to understand and develop a financial foundation, consumer protections, and be economically familiarized with current living costs. Throughout this course, students will develop an understanding of their responsibilities as digital citizens in different technological platforms. This course is rounded out with a final portfolio which students will use throughout their high school careers.

A.C.E. 2 (ACADEMIC & CAREER EXPLORATION 2)

Credit .5; One semester; Grade 10

Prerequisite: None

Course Objectives: This course is designed to expand on students knowledge from Academic and Career Exploration I. Expanding on foundations in goal setting, students will analyze and reconstruct both current and future goals as they explore post-secondary education and career options. Students will evaluate and construct a career and college portfolio to include financial opportunities in relation to furthering education, and strategies for post-secondary exams. In addition to post-secondary research, students will be able to manage personal finances, and be economically familiarized with current living costs, using Microsoft Office Excel as a platform. The course will be rounded out with an culminating career and college portfolio and project where students will experience real world application in the form of mock interviews, with business professionals throughout the greater Kalispell business community.

ACCOUNTING 1

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: None

Course Objectives: Students will learn the accounting cycles for sole proprietorships and partnerships. The accounting cycle covers analyzing transactions, journaling, posting, petty cash, financial statements, and adjusting and closing entries.

ACCOUNTING 2

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: Minimum grade of "C" in Accounting 1

Course Objectives: This course expands on topics learned in Accounting 1. Students will increase their knowledge to corporate accounting and learn to create income statements and balance sheets. Students will also learn about depreciation and end of fiscal period entries for a corporation. Computerized accounting is integrated into this course.

ACCOUNTING 3

Credit .5; One semester; Grades 11, 12

Prerequisite: Accounting 1, and a Minimum grade of "C" in Accounting 2

Course Objectives: The course expands on topics learned in Accounting 1 & 2, while adding departmental accounting (corporation) and introducing different accounting control systems used by today's businesses. This level of accounting helps provide students with the background and preparation for jobs and careers. It is also excellent background and preparation for college business majors. Computerized accounting is integrated into this course.

BUSINESS AND MANAGEMENT IB (SL or HL)

Credit 1.0; Full Year; Grade 11, 12

Prerequisite: None

Course Objectives: Business and Management is a rigorous and dynamic discipline that examines business decision-making processes and how these decisions impact and affect internal and external environments. It is the study of both the ways in which individuals and groups interact in an organization and of the transformation of business resources. Business and Management is now offered as both a Standard Level (1 year) class and a Higher Level (2 year) class, and students at both levels can choose to test for potential college credit.

The Diploma Programme Business and Management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. The application of tools and techniques of analysis facilitates an appreciation of complex business activities. The course considers the diverse range of business organizations and activities and the cultural and economic context in which business operates. Emphasis is placed on strategic decision-making and the day-to-day business functions of marketing, production, human resource management and finance. Links between the topics are central to the course, and this integration promotes a holistic overview of business activity.

The course encourages the appreciation of ethical concerns and issues of corporate social responsibility in the global business environment. Topics covered are Business Organization, Human Resources and Management, Marketing, Accounts and Finance, and Operations. Students complete current events and apply their knowledge via case studies and current businesses and their operations. Trending technology is used to help present and assess student learning. The course Internal Assessment consists of researching a business, in order to understand a current challenge and recommend an appropriate solution.

The HL offering is an extension of the standard level course. Students will further their learning of the 5 Business Units, taking all concepts to a more detailed level, applying more tools and theories. The HL course adds Business Strategy and the nature of the internal assessment task and exam questions. There will be more extensive assignments and projects and HL students will help facilitate learning/seminars for current SL students. HL students will have the opportunity to test at the end of their second year, with higher exam requirements and standards.

COMPUTER SCIENCE APPLICATION

Credit 1; One Year; Grades 10, 11, 12

Prerequisite: Computer Science and Software Engineering

Course Objectives: Computer Science A (CSA) aligns with the College Board's CS A framework. CSA builds on skills learned in PLTW Computer Science Principles to teach students Java and authentic Android™ app development.

The primary goal of the course is to create independent thinking app developers; every unit in this course builds on students prior knowledge and skills until they are able to complete an app development cycle independently from the ground up. Students in addition to writing code with Java will develop and create web based databases as well as implement user interfaces for applications.

COMPUTER SCIENCE AND SOFTWARE ENGINEERING

Credit 1; One Year; Grades 10, 11, 12

Prerequisite: Introduction to Computer Science

Course Objectives: This class is designed to open the doors to any career with computer science! Students will create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students collaborate to create and present solutions that can improve people's lives. How will computing and connectivity transform your world? 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.

ENTREPRENEURSHIP

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: Introduction to Business

Course Objectives: Entrepreneurs are the backbone of the United States Economy. If you dream of running the show, owning your own business, managing others, being in the corporate world, or working in business this is the class for you! Learn the intricacies of the business world as they affect the sole proprietor and prepare to launch your own business venture!

INFORMATION TECHNOLOGY IN THE GLOBAL SOCIETY IB (ITGS)

Credit 1.0; Full Year; Grade 11, 12

Prerequisite: None

Course Objectives: Information Technology in a Global Society (ITGS) course is the study and evaluation of the impacts of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the access and use of digitized information at the local and global level. ITGS provides a framework for the student to make informed judgments and decisions about the use of IT within social contexts. Students will analyze and evaluate the social impact of information technology on individuals and society and consider the ethical issues raised by this impact. Issues such as reliability, integrity, privacy and anonymity, intellectual property, equality of access, control, and policies and standards will be analyzed from both local and global perspectives recognizing that that attitudes and opinions are diverse within and between different cultures. ITGS shares methods of critical investigation and analysis with other social sciences, and considers ethical questions found in the study of philosophy. Students will engage directly with the community by helping solve technical issues and will have a technology project in which they will provide a technical service for a local business in the community.

INTRODUCTION TO BUSINESS

Credit .5; One semester; Grade 9, 10, 11

Prerequisite: None

Course Objectives: Interested in the business world or in being your own boss? Introduction to business introduces the basics of current business trends in our global economy. You will learn all the elements from small business to corporations...human resources, management, marketing, sales, operations, finance, etc. In addition, you will understand ethics in the workplace, and how to survive in the evolving workforce...skills for a lifetime, regardless of your future! The class is extremely interactive and student driven, based around current events, real world relevancy, group work and business simulations and games. Intro to business is a foundation for future business classes you can take at FHS.

INTRODUCTION TO COMPUTER SCIENCE

Credit .5; One Semester Grades 9, 10, 11, 12

Prerequisite: None

Course Objectives: This is designed to be the first computer science course for students who have never programmed in a class setting. Students create Mobile applications with App Inventor, utilize pair programming techniques, explore CSS and HTML, and will be introduced to Python programming/coding. Students will also learn the impact of computing in society and the application of computing across career paths.

INTRODUCTION TO MULTIMEDIA

Credit .5; One semester Grade 9, 10, 11

Prerequisite: None

Materials Fee: \$15

Course Objective: This competency-based course enables students to develop the necessary skills and competencies for creating multimedia and video productions. Students learn proper video camera techniques, digital video editing, digital signage, digital storage, trade standards, work flow, script writing, directing, production responsibilities, and computer generated graphics. Some of the software covered in this class is Adobe Photoshop CS6, Adobe Premiere Elements and Premier Pro and Adobe Illustrator. This class is for students exploring the possibility of a career in the professional world of electronic media.

MARKETING 1

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: None

Course Objectives: Marketing offers you real life learning as you develop skills which are essential in the business world. This course helps students develop and promote speaking and technology skills to present information to a variety of audiences. Units include advertising, economic systems, product development, international marketing, sales, marketing plans, and the Montana High School Business Challenge. In addition, students will be able to develop skills to market themselves in the business world.

MARKETING 2

Credit .5; One semester, Grades 10, 11, 12

Prerequisite: Marketing 1

Course Objectives: Marketing II challenges students to build upon the perspective of marketing principles, strategies, and practices that were introduced in Marketing I. Students will learn and practice skills in the functional areas of marketing: channel management, marketing-information management, market planning, market research, pricing, promotion, product management and professional selling. Other areas of emphasis include human resources, strategic planning, e-commerce, international marketing, sports marketing, and global marketing. In addition, the majority of students are involved in DECA (Distributive Education Clubs of America) and leadership activities.

PERSONAL FINANCE

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: None

Course Objectives: This course is a semester long class which will give students the tools and skills to manage their money now and in the future. Students will learn what to do with their money by learning about financial options and responsibilities, in addition to learning about the consequences of mismanaged finances. This course will examine knowing your personal wants vs. needs, overview of getting a job and a paycheck, taxes, financial goals, budgets and organization, consuming, banking, investments (stocks/bonds), credit, buying a car, renting, home buying, loans and retirement. Students will learn financial concepts through the use of simulations, investment planning, decision-making, and examination of current issues. Students will participate in a live stock market game/competition, in order to better understand investing.

SCHOOL BASED ENTERPRISE (SBE – Braves Coffee Company)

Credit .5; One semester; Grades 10, 11, 12

Note: Must be concurrently enrolled in Study Hall for the semester

Prerequisite: Introduction to Business, Marketing I or Instructor Approval

Course Objective: School-based enterprise (SBE) is an entrepreneurial operation in a school setting that provides goods/ services to meet the needs of the market. Students will engage in business development, daily and long-term operations, in addition to marketing implementation. Students will develop customer service skills, management and leadership experience, and apply business theories to a first-hand, relevant operation while operating Braves Coffee Company.

CAREER AND TECHNICAL EDUCATION

AGRICULTURE

The Agricultural Education program provides students with courses that emphasize premier leadership, personal growth, and career success. Courses are designed for students preparing for careers and a lifetime of informed choices in the global agriculture, food, fiber, and natural resource systems. Housed at the Agricultural Education Center, the curriculum is embedded with real agriculture which provides students the opportunity to creatively solve problems and develop the technical knowledge and skills desperately needed in today's workforce. Learning comes alive for students as they engage in subjects through hands on methods in areas including animal science, plant science, Ag mechanics, Ag business, natural resources, and leadership development. Supervised Agricultural Experience (work-based learning) is a component which promotes record-keeping and the application of knowledge and skills to the real world. Students are also encouraged to participate in the FFA, an organization which functions as an integral part of the agricultural courses and provides endless opportunities at the local, district, state, and national level.

AGRICULTURE 1, ENGLISH 9, AND BIOLOGY

Credit 1.0 Career & Technical, 1.0 English, and 1.0 Science Grade 9

Materials Fee: \$15

Prerequisite: None

Course Objectives: Agricultural Education 1 is the introductory course in a sequence of courses. We will take an exciting look at career pathways in agriculture (more than 300 career titles) and learn skills which are transferrable to any occupation. In addition to introductory animal science, veterinary science, recordkeeping, agronomy, shop safety, woodworking, metals (oxy/fuel & plasma cutting), and tractor and equipment safety (national certification is offered), students will explore FFA, leadership, and science in agriculture.

English 9 is offered in conjunction with Agriculture 1.

See Description of English 9 in the English Language Arts Section - Page 32

Biology is offered in conjunction with Agriculture 1.

Biology is the "study of living organisms". Main areas of study may include: ecology, chemistry of life, cell biology, genetics and heredity, adaptation, and the human role in the development and progression of biology and technology with attention to agriculture. In addition, general science skills, lab safety, problem solving, writing, and reading and interpreting scientific articles will be stressed. Topics and skills meet the state and national standards and the Common Core Curriculum Standards.

AGRICULTURE 2 AND ENGLISH 10

Credit 2.0; Full year; double periods; Grades 10

Credit 1.0 Career & Technical and 1.0 English

Materials Fee: Yes, for Agriculture 2: \$15

Prerequisite: None

Course Objectives: The Agriculture 2 curriculum is designed for students to develop interests and learn career skills related to the agriculture and natural resources industry. Subjects taught within the Ag 2 curriculum will include the following: crop science, woodworking, welding, parliamentary procedure, horticulture, animal science, equipment maintenance, and an introduction to GPS. FFA is an intra curricular part of Ag 2.

English 10 is offered in conjunction with the Ag 2 class at the HER Ag Center. The course combines the curricula of English 10 Literature with English 10 Communication, both courses are required for graduation. See course descriptions in the English Language Arts section - Page 33.

AGRICULTURE 3

Credit 2.0; Full year; double periods; Grades 11

Credit: Career & Technical

Materials Fee: \$15

Prerequisite: None

Course Objectives: Ag Education 3 class will take an exciting look at numerous career skills and opportunities related to agriculture. We will learn veterinary science skills, advanced animal science techniques, pasture and range management, and sales and service components that are desperately needed by industry. We will also develop needed knowledge and skills pertaining to the construction and engineering trades. This will include residential wiring, surveying, tractor and equipment safety and handling, residential construction. Along with these units of instruction, we will develop our leadership skills and abilities through FFA.

AGRICULTURE 4 AND ECONOMICS

Credit 2.0, Full year; double periods; Grade 12

Credit: 1.5 Career & Technical and .5 Social Studies elective

Materials Fee: \$15

Prerequisite: Ag 3 or instructor's recommendation

Course Objectives: The Agriculture 4 curriculum is designed for students to develop interests and learn career skills related to the agriculture and natural resources industry. Subjects taught within the Ag 4 curriculum will include the following: Ag careers, precision agriculture, animal science, small engines, Ag business, economics, commodity marketing, and an annual senior project to better the Ag Education Center. Students will have the opportunity to continue development of their leadership skills and abilities through active participation in the FFA.

NATURAL RESOURCES OF MONTANA

Credit 1.0; Full year; Grades 10, 11, 12

Location: HER Agricultural Education Center

Materials Fee: \$15

Prerequisite: None

Course Objectives: This class will explore the following careers: wild land fire management; wildlife and fisheries management; timber industry of western Montana; hunting, summer and winter sports recreation; range management; mining and petroleum industries. Students will also work closely with industry professionals within the classroom and in the field while developing an understanding of the careers tied to the natural resource management in Montana.

ARCHITECTURE

DRAFTING/CAD 1

Credit .5; Semester; Grades 9, 10, 11, 12

Prerequisite: None

Course Objectives: This course is designed to give the student a thorough basic knowledge of skills in the areas of drafting and design techniques. Areas of drawing styles to be covered include; Orthographic projection, Geometric construction, Auxiliary views, Revolutions, Isometrics, Oblique views, Rendering, Sectioning and Perspective. Sketching and board drawing will be the introduction and foundation of design but AutoCAD will be emphasized more as the class progresses with AutoCAD as its primary software package. Sketch Up (an inexpensive CAD program) will also be introduced.

CAD/CAM 2

Credit 1.0; Year;

Grades 10, 11, 12

Prerequisite: Drafting/CAD 1

Course Objectives: This course is designed to give the student a broader knowledge and foundation in drafting while emphasizing problem solving and creative design. Topics will include shape and pattern development, orthographic projection, topographical mapping, 3-D design using AutoCAD, Sketch Up, and Fusion as their primary software packages. Architecture will be discussed and designed using AutoCAD Architecture. Students will develop models of their designs with a 3D printer and CNC mill.

CAD/CAM 3

Credit 1.0; Year; Grades 11, 12

Prerequisite: CAD/CAM 2

Course Objectives: This course is designed to give the student additional experience in architectural drafting and mechanical drafting. The areas covered in Drafting/CAD 1 & CAD/CAM 2 will be explored in greater depths. Design and individual study problems will be stressed. Study materials covered should further prepare the student for practical application of drafting procedures as well as post-secondary level. The majority of the time will be spent using AutoCAD, but Fusion and Aspire will also be emphasised.

CAD/CAM 4

Credit 1.0; Year

Grades: 12

Prerequisite: CAD/CAM 3

Course Objectives: This course takes on real life projects that relate to the field of design. Each student can expand his or her interest level through a single CAD software package or a combination of the following: AutoCAD, AutoCAD Architecture, Fusion, Aspire & Revit which can animate designed objects. A portfolio and professional resume will be required. This course is designed to explore many facets of house design and construction of residential design. Working drawings will be created into a resume to use for future job opportunities. Students will primarily use two software packages. Real life applications will have an emphasis in this course with a few field trips.

BIOMEDICAL SCIENCE PROGRAM

BIOMEDICAL SCIENCE 1: PRINCIPLES OF THE BIOMEDICAL SCIENCES

Credit: 1.0; Full year; Grade 9, 10

Prerequisite: None

Course Objective: This is the introductory course to the Biomedical Science Program. Students will explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine and research processes while allowing them to design their own experiments to solve problems.

BIOMEDICAL SCIENCE 2: HUMAN BODY SYSTEMS

Credit: 1.0; Full year; Grade 10, 11 or 12

Prerequisite: Successful completion of Biomedical Science 1: Principles of the Biomedical Sciences

Course Objective: Students examine the interaction of human body systems as they explore identity, power, movement, protection and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

BIOMEDICAL SCIENCE 3: MEDICAL INTERVENTIONS

Credit: 1.0; Full year; Grade 11 or 12

Prerequisite: Successful completion of Biomedical Science 2: Human Body Systems. Biomedical Science 3: Medical Interventions may be taken concurrently with Biomedical Science 2: Human Body Systems with instructor approval and successful completion of Biology.

Course Objective: 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; conquer cancer; 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 SCIENCE 4: BIOMEDICAL INNOVATION

Credit: 1.0; Full year; Grade 12

Prerequisite: Successful completion of Biomedical Science 3: Medical Interventions

Course Objective: In the final course of the Biomedical Sciences 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 advisor from a university, medical facility, or research institution.

CONSTRUCTION SKILLS

HOUSE CONSTRUCTION 1 & 2

Credit 2.0; Year long, Double period; Grades 10, 11,12

Materials Fee: \$15

Prerequisite: Woods 1 or Intro to Building Trades **NOT OPEN TO SENIOR EARLY GRADUATES**

Course Objectives: Imagine having the satisfaction of building a home that will last for generations. Standing back and being able to say "I built that" is a great accomplishment. If you enjoy working with your hands and take pride in your work, a building trades career could be what you are looking for! At Flathead High School, instruction is made more realistic through the construction of a 3-bedroom home. Varied hands-on experiences will be gained including rough framing, roofing, cabinetmaking and finishing. Other experiences will include contracting, electricity, estimating/sales, architecture, plumbing, concrete construction.

INTRO TO BUILDING TRADES

Credit 0.5; Semester; Grades 9, 10, 11, 12

Materials Fee: \$15 course fee

Prerequisite: None

Course Objectives: The Introduction to Building Trades course is designed to introduce the student to the basics of the Carpentry, Electrical, Masonry, and Plumbing trades. Actual hands-on experience gives the students valuable experience as they develop their skills. As part of their work, students will assemble floor, wall, and roof section from plans as well as install electrical and plumbing systems typically found in residential structures.

TECHNOLOGY EDUCATION

Credit 0.5; Semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Prerequisite: None.

Course Objectives: Technology Education is a hands on problem solving class. It will cover problem solving methods along with critical thinking through hands on problems and activities. Activities will relate to Transportation, Manufacturing, Communication and Mass Production. There will be both group and individual projects included. Grading will be based primarily on participation and effort.

WOODS 1

Credit .5; One semester; Grades 9, 10, 11, 12

Materials Fee: \$15 course fee

Prerequisite: None

Course Objectives: Introduction to the technology of woodworking trades: Jointer, planer, table saw, band saw, panel saw, radial arm saw, drill press, shaper, router, line boring machinery, automatic edge bander, power sanders, hinge insertion machine, CNC machining; basic sharpening, joinery, planning, stock billing, assembly, finishing, and plastic lamination; care of and safety with tools and equipment. Students will complete two projects during the semester.

WOODS 2

Credit 1.0; Year long, single period; Grades 10, 11, 12

Materials Fee: \$15

Prerequisite: Woods 1 or Intro to Building Trades

Location: FHS

Course Objectives: This course is designed for the student who has completed Woods 1 or Intro to Building Trades. Instruction will be centered around practical, hands-on application with wood on both required and student-engineered projects. A real world emphasis will be placed on the class content by not only improving upon existing wood working knowledge but also by working cost analysis, shop time and space constraints, correct jointing procedures, and layout, and proper selection of equipment and techniques best suited for the project at hand. Machine/equipment maintenance will also be cover in depth. All students will be required to incorporate the CNC shopbot or laser engraver into their projects.

WOODS 3

Credit 1.0; Year long, single period; Grades 11, 12

Prerequisite: Woods 1 and 2

Materials Fee: \$15

Course Objectives: This course is designed for the student who has completed Woods II. Instruction will be centered around practical, hands-on application with wood on both required and student-engineered projects. A real world

emphasis will be placed on the class content by not only improving upon existing wood working knowledge but also by working cost analysis, shop time and space constraints, correct jointing procedures, and layout, and proper selection of equipment and techniques best suited for the project at hand. Machine/equipment maintenance will also be cover in depth. All students will be required to incorporate the CNC shopbot or laser engraver into their projects. Students will build or construct projects for Flathead High School.

WOODS 4

Credit 1.0; Year long, single period; Grades 12

Prerequisite: Woods 1, 2, and 3

Materials Fee: \$15

Course Objectives: This course is designed for the student who has completed Woods III. Instruction will be centered around practical, hands-on application with wood on both required and student-engineered projects. A real world emphasis will be placed on the class content by not only improving upon existing wood working knowledge but also by working cost analysis, shop time and space constraints, correct jointing procedures, and layout, and proper selection of equipment and techniques best suited for the project at hand. Machine/equipment maintenance will also be cover in depth. All students will be required to incorporate the CNC shopbot or laser engraver into their projects. Students will build or construct projects for Flathead High School

METALS AND MANUFACTURING

FHS METALS AND MANUFACTURING PROGRAM

The Metals and Manufacturing program is designed for students interested in careers within the Metals and Manufacturing Industries. A few of these areas include various Engineering Fields, Welding and Fabrication, Machine Operations, Manufacturing Technicians, Industrial Maintenance, Industrial Sales and Service, Industrial Arts/Technology Teachers, Industrial Managers/Supervisors.

Students are encouraged to participate in the local chapter of SkillsUSA Club.

INTRODUCTION TO METAL PROCESS

One semester, single period; Grades 9, 10, 11, 12

Secondary Ed. Credit: .5

Prerequisite: None

Materials Fee: \$15

Location: FHS

Course Objectives: This course allows students an opportunity to explore various careers in manufacturing and the metals industry. The focus of this course is on fundamentals in machining processes, metal bending and forging processes, and automation/robotics in manufacturing. Students may tour local manufacturing facilities.

METALS / WELDING 1 (BEGINNING WELDING)

1 semester, double period; Grades 10, 11, 12

Secondary Ed. Credit: 1.0; Vocational

Prerequisite: None

Materials Fee: \$15

Location: FVCC

Course Objectives: This course focuses on beginning welding process to include (SMAW) Shielded Metal Arc Welding, (GMAW) Gas Metal Arc Welding, (OFC) Oxy/Fuel Cutting, (OFW) Oxy/Fuel Welding, and Plasma Arc Cutting. Students will also be introduced to product design, material costs, production analysis and marketing techniques.

METALS / WELDING 2 (INTERMEDIATE WELDING)

One Semester, double period; Grades 11, 12

Secondary Ed. Credit: 1.0; Vocational

Prerequisite: Metals / Welding 1

Materials Fee: \$15

Location: FVCC

Course Objectives: This course ventures in-depth into the following welding processes (FCAW) Flux Cored Arc Welding and (GTAW) Gas Tungsten Arc Welding and includes advanced process in (SMAW) Shielded Metal Arc Welding, (GMAW) Gas Metal Arc Welding, (OFC) Oxy/Fuel Cutting, Plasma Arc Cutting (PAC) and the CNC program Plasma Cam. An introduction to machining processes to include turning, milling and grinding technique is included. Students set up a small manufacturing company in which they apply skills in language, communication, science, technology, mathematics and business as they design, produce and market their products.

METALS / WELDING 3 (ADVANCED WELDING) (DIRECTED STUDY)

1 Semester or Full Year; double period, Grade 12

Secondary Ed. Credit: 1.0 or 2.0; Vocational

Prerequisite: Metals / Welding 2; limited space is available; runs concurrent with lower level courses in the Metals / Welding Program.

Instructors approval.

Materials Fee: \$15

Location: FVCC

Course Objectives: This course focuses on students that are considering careers within Metals or Manufacturing Industries.

All students taking this course are required to be active members of SkillsUSA. Topics included are Professional Development Program (PDP) Levels 1 through 5, Occupational Safety & Health Association Certificate (OSHA), First Aid/ CPR Certificate, Job Mentor Program (OJT) and development of a senior portfolio.

AUTOMOTIVE

AUTOMOTIVE 1: ENGINES

Credit 0.5; Semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Prerequisite: None

Course Objectives: Auto I is recommended for students who like to work with their hands and want to explore automotive opportunities. Students will learn about the design & operation of engines, and how a car works, and how to identify & maintain key systems under the hood of a car. Students will disassemble, inspect, re-assemble, and test run a small engine first and then students will complete lab work on cars. Students will learn mechanical skills, problem solving, related communication, math & science concepts, organization, and job skills in a practical environment. Career and post secondary education opportunities will be explored

AUTOMOTIVE 2: AUTOMOTIVE TECHNOLOGY

Credit 1.0; year long; single or double periods; Grades 10, 11, 12

Materials Fee: \$15

Prerequisite: Automotive 1

Instructor Permission: Yes

Course Objectives: Automotive Technology 2 covers major vehicle systems including Engines; Brakes; Suspensions; Steering; Transmissions & Drive-trains; Heating & A/C; Electrical & Electronics. Students will complete a checklist of shop activities related to the repair & maintenance of gasoline & diesel vehicles . Preparation for SkillsUSA competition is part of the class. This course will emphasize positive work habits, safety, organization, career planning, communication, and all current industry standards.

AUTOMOTIVE 3: ADVANCED AUTOMOTIVE TECHNOLOGY

Credits 2.0; yearlong, double period; Grade 11 & 12

Materials Fee: \$15

Prerequisite: Automotive 2: Automotive Technology

Course Objectives: Advanced Automotive Technology is designed for the career minded student seeking a degree or career in automotive, diesel, or engineering. Students will complete a checklist of hands-on projects based on career goals. Emphasis will be placed on safety, production, quality work, job skills, and meeting industry standards through testing and performance. Students will be expected to participate in Skills USA and the Ford/AAA student auto skills contest.

AUTOMOTIVE 4: ADVANCED AUTOMOTIVE TECHNOLOGY

Credits 2.0; yearlong, double period; Grade 11 & 12

Materials Fee: \$15

Prerequisites: Automotive 3: Automotive Technology

Course Objectives: Advanced Automotive Technology is designed for the career minded student seeking a degree or career in automotive, diesel, or engineering. Students will complete a checklist of hands-on projects based on career goals. Emphasis will be placed on safety, production, quality work, job skills, and meeting industry standards through testing and performance. Students will be expected to participate in Skills USA and the Ford/AAA student auto skills contest.

FAMILY & CONSUMER SCIENCES

CULINARY ARTS 1

Credit .5; One semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Course Objectives: “Learn to cook and do it safely”. This class offers to the student an introduction to the amazing world of food preparation, safety, and nutrition. Not only will you sharpen your cooking skills, but you will develop time management, organization, costing, and nutrition analysis skills. Students will have the opportunity to become ServSafe Certified and receive their National Serve Safe Food Handlers certificate. A must-have class for “adulting”! Students will participate in FHS Braves Catering events, FCCLA, and other service opportunities. Reading, writing, math, and science skills will be emphasized as they relate to the course content.

CULINARY ARTS 2

Credit .5; One semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Prerequisite: Culinary Arts 1

Instructor Permission: Yes - for all grades; depending upon experience. Definitely for ambitious, driven students. An informal test/evaluation will be given.

Tech Prep: Yes

Course Objectives: Take your skills to another level-the food industry! The Learner will explore career opportunities, fine-tune employability skills, critique the dining experience, and create opportunities for culinary, baking, and pastry applications. Students will practice ServSafe sanitation techniques, and participate in and help organize FHS Braves Catering events, FCCLA, and other service opportunities.. Reading, writing, math, and science skills will be emphasized as they relate to the course content.

CULINARY ARTS 3 ProStart 1

Credit 1.0; Full Year; Grades 10, 11, 12

Materials Fee: \$30/year and an additional \$15 fee for ProStart certification exam

Prerequisite: Culinary Arts 1 and Culinary 2 . Instructor permission to be in ProStart will be granted in rare circumstances. CA 1 and CA 2 are necessary preparation for this advanced class.

Course Objectives: This ProStart Curriculum is an industry-driven curriculum that prepares students for a career in restaurant food service production. Students will learn communication skills, safety and sanitation, food preparation-both small and large scale, meal planning, culinary math, and customer service. Students will be required to participate in and help organize FHS Braves Catering Events and other service opportunities. Students will be encouraged to complete the Certificate of Achievement through the national ProStart program and to participate in the state ProStart events. Students will be given the opportunity to receive the National Certification in Safety and Sanitation (ServSafe) Managers Certification.

CULINARY ARTS 4 ProStart 2

Credit 1.0; Full Year; Grades 11, 12

Materials Fee: \$30/year and an additional \$15 fee for the ProStart certification exam

Prerequisite: Culinary Arts 1, 2, and 3. Instructor permission to be in ProStart will be granted in rare circumstances. CA1, CA2 and CA3 are necessary preparation for this advanced class.

Course Objectives: This ProStart Curriculum is an industry-driven curriculum that prepares students for a career in restaurant food service production. Students will learn lifelong leadership skills, Industry driven safety habits, Organizational and developmental skills in food preparation and running a restaurant/catering business. Students will be required to participate in and help organize FHS Braves Catering event and other service opportunities. Students will be encouraged to complete the Certificate of Achievement, 400 industry hours, and competencies through the national ProStart program. Students will be expected to participate in the state ProStart events. Students will be given the opportunity to receive/renew their National Certification in Safety and Sanitation (Serve Safe) Managers Certification.

EARLY CHILDHOOD EDUCATION 1

Credit .5; One semester; Grades 9, 10, 11, 12

Prerequisite: None

Materials Fee: \$15

Course Objectives: This is a course for students who are interested in becoming a nanny or child-care worker or planning a career in social work, education, the medical field, or psychology. The focus of this course includes stages of child development, parenting skills, developing entry level job skills, beginning requirements for Child Development Associate Certificate, and renewing CPR certification.

EARLY CHILDHOOD EDUCATION 2

Credit .5; One semester; Grades 9, 10, 11, 12

Prerequisite: Early Childhood Education 1

Materials Fee: \$15

Tech Prep: Yes

Course Objectives: : This course will offer students an opportunity to learn skills necessary to begin a career as a child care professional. Students will study career possibilities; training and education requirements; children's physical, intellectual, emotional, social and moral development; and safe environments for children. Goals of classroom guidance, effective communication techniques, and development of a portfolio designed to reflect relevant knowledge and skills in child development are also included in the course. Reading, writing, math, and science skills will be emphasized as they relate to the course content.

HOUSING AND INTERIOR DESIGN

Credit .5; One semester; Grades 9,10, 11, 12

Materials Fee: \$15

Prerequisite: None

Course Objectives: In this level of Housing and Interior Design the students learn the knowledge, foundational skills, and practices required for careers in the Housing and the Interior Design industries. This course focuses on the behavioral, social, economic, functional, and aesthetic aspects of housing and interior design. Instruction includes analyzing, planning, designing, furnishing, and evaluating residential, work, and leisure spaces to meet user needs.

DESIGN 2

Credit .5; One semester; Grades 10, 11, 12

Materials Fee: \$15

Prerequisite: Housing & Interior Design

Course Objectives: This second level is a combination of Housing/Interior Design and Textile Apparel Design and Fashion. It is an advanced level that addresses the role of color, principles and elements of design, customer service, industry equipment, construction and creation of industry projects through simulation for current industry trends and applications. Sample projects could be professional portfolios, color boards, to scale housing construction, costume designing, fashion construction, upholstering, etc.

DESIGN 3

Credit .5; One semester; Grades 10, 11, 12

Materials Fee: None

Prerequisite: Design 2

Course Objectives: Job shadowing, internships, work-based learning opportunities, and/or employment in housing and interior design/textiles, fashion, and apparel careers or industries are acquired with hours recorded and experiences documented for educational and career advancement.

TRAVEL AND TOURISM

Credit .5; One semester; Grades 9, 10, 11, 12

Materials Fee: \$15

Prerequisite: None

Course Objectives: Course Objectives: This is an introductory course for travel and tourism with a look at the local, state, and global opportunities in the area from a career and/or guest using the services of the industry. Modes of transportation-air, train, ship, lodging and hospitality, and career opportunities will be covered. Students will use reading, writing, science, and mathematic skills to enhance their knowledge of the tourism industry. Learners also have the opportunity to become Montana Super Host certified. Reading, writing, math, and science skills will be emphasized as they relate to the course content.

LANGUAGE ARTS COURSE OFFERINGS

LITERATURE ELECTIVES

- ** Science Fiction and Fantasy (sem)
- ** or *** English 11 IB Literature (HL)
- ** or *** English 11 IB Language and Literature (HL)
- ** or *** English 12 IB Language and Literature (HL)
- ** or *** English 12 IB Literature (HL)
- ** or *** Poetry (sem)
- ** or *** Theatre as Literature IB (SL or HL) (sem)
- ** or *** Montana and Native American Literature (sem)
- ** or *** Mythology (sem)
- ** or *** American Literature (sem)

WRITING ELECTIVES

- ** or *** Creative Writing (sem)

READING ELECTIVES

- * Reading Intervention (Novice level on assessments) (sem)
- * or ** Success in Reading (Novice or Nearing Proficient level on assessments) (sem)

PUBLICATIONS ELECTIVES

- ** or *** Newspaper Journalism (year, single period)
- ** or *** Yearbook (year, single period)

THEATRE ELECTIVES

- ** or *** Acting 1: Process, Practice and Philosophy (sem)
- ** or *** Acting 2: Process and Performance IB (SL) or (HL) (sem)
- ** or *** Acting 3: Directing & Design IB (SL) or (HL) (sem)
- ** or *** Acting 4: Advanced Acting IB (SL) or (HL) (sem)
- ** or *** Technical Theater Arts 1 (semester single period)
- ** or *** Technical Theater Arts 2 (semester single period)
- ** or *** Theatre as Literature IB (SL or HL) (semester)

FINE ARTS DISTINCTION IN THEATRE acknowledges graduating seniors who complete work in Theatre. To be eligible for this distinction, the student must complete the requirements of a standard diploma, have achieved a cumulative GPA of 3.2, successfully completed three full credits from any of the existing Theatre courses and earned at least two letters in Theatre.

SPEECH ELECTIVES

- ** or *** Speech Workshop (sem)

ENGLISH LANGUAGE ARTS

- A minimum of eight semesters of English is required for graduation. Of those eight semesters, two semesters of literature study and one semester of composition are required. Specific English requirements for graduation are the following:
 - English 9 **OR** English 9 Honors
 - English 10 **OR** English 10 Honors **OR** English 10 Communication **AND** English 10 Literature
 - English 11IB, English 11B **OR** Composition **AND** English elective **OR** Literature course
 - English 12IB, English 12B **OR** 2 Literature courses **OR** 1 Literature course **AND** 1 English elective

Students must register for at least one course in English Language Arts each semester.

Placement in English courses will be based on the recommendation of English teachers and counselors with specific reference to post secondary plans and to reading and ELA scores on standardized assessments.

SKILL LEVEL DESIGNATIONS FOR COURSE OFFERINGS

- * below grade level reading skills (Novice level on assessments)
- ** at grade level reading skills (Nearing proficient or proficient levels on assessments)
- *** above average or college capable reading skills (Advanced level on assessments)

Classes at a Glance

| | * Novice | ** Nearing Proficient | | **_*** Proficient | | *** Advanced |
|-------------------|------------------|--|---|---|--|------------------------------------|
| Freshmen | | English 9 | | English 9 | | English 9 Honors |
| Sophomores | English 10 Basic | English 10 Communication | English 10 Literature | English 10 Communication | English 10 Literature | English 10 Honors |
| Juniors | English 11 Basic | Composition | Literature Course with a ** or *** designation | Composition | Literature Course With a **or *** designation | English 11 IB Lit IB Lang & Lit |
| | | | | English 11 IB Language and Literature (year long) | | |
| Seniors | English 12 Basic | Literature Course with a ** or *** designation | Any English Course with a ** or *** designation | Literature Course With a ** or *** designation | Any English Course With a **or *** designation | English 12 IB Lit IB Lang & Lit |
| | | | | English 12 IB Language and Literature (year long) | | |

COURSE DESCRIPTIONS

**** or *** COMPOSITION**

Credit .5; One semester; Grade 11

Prerequisite: None

Course Objectives: This course emphasizes writing as a process and focuses on explanatory/informative, argumentative, narrative, and research writing. Objectives include effective communication for college/career audiences, including idea development, organization, voice, word choice, sentence fluency, and command of standard English conventions. Students also practice the type of writing required on the ACT writing assessment.

**** ENGLISH 9**

Credit: 1.0; Full year; Grade 9

Prerequisite: None

Course Objectives: This course focuses on writing, speaking, and close reading of fiction and nonfiction literature. Students will write to a variety of purposes and audiences with an emphasis on argumentation and research writing. Students will analyze both formal and informal verbal and nonverbal messages and will participate in class discussions and formal presentations. Language development, style, and grammar and usage skills will be stressed in both close reading and writing practices. Objectives include demonstrating knowledge and competent performance in reading, writing, speaking, listening, and language.

***** ENGLISH 9 HONORS**

Credit 1.0; Full year; Grade 9

Prerequisite: Placement is based on recommendations of grade 8 teachers and counselors with reference to assessment data. The course is designed to meet the needs of students with advanced or college capable language skills.

Course Objectives: In addition to covering the curriculum of the standard English 9 course, writing will emphasize analytic writing and literary analysis.

***, **, *** ENGLISH 9, AGRICULTURE 1, AND BIOLOGY**

Credit 3.0; Full year, triple periods; Grade 9

Materials Fee: Yes, for Agriculture 1 \$15

Prerequisite: None

Course Objectives:

This course has the same objectives as English 9, but is offered in conjunction with Ag 1 and a biology class in a three period block at the HER Ag Center. Please see the full course objectives for English 9 above.

**** ENGLISH 10 COMMUNICATION**

Credit .5; One semester; Grade 10

Prerequisite: None

Course Objectives: This course focuses on developing speaking, listening, and media literacy skills. While emphasizing public speaking, this course also covers interpersonal and group communication. Verbal and nonverbal messages are analyzed, and listening and media literacy skills are developed. Objectives include demonstrating knowledge and competent performance in speaking, listening and media literacy.

**** ENGLISH 10 LITERATURE**

Credit .5; One semester; Grade 10

Prerequisite: None

Course Objectives: This course focuses on writing, close reading, analyzing literature and understanding the structure and formal use of the English language. Students will write to a variety of purposes and audiences with an emphasis on argumentation and research writing. The major works of literature for the course include a Shakespearean play and a novel. English language structure, development and adaptability are studied. Objectives include demonstrating knowledge and competent performance in writing, close reading of fiction and nonfiction, and understanding the structure and formal use of language.

*** ENGLISH 10 BASIC**

Credit 1.0; Full year; Grade 10

Prerequisite: Placement is based on recommendations from grade 9 English instructors and counselors with reference to assessment data. The course is designed to meet the needs of students with learning disabilities and those who read at a novice level.

Course Objectives: This course combines the objectives of the English 10 Communication and the English 10 Literature classes into a full year course. Please see the full course objectives for English 10 Communication AND English 10 Literature.

***** ENGLISH 10 HONORS**

Credit 1.0; Full year; Grade 10

Prerequisite: Placement is based on recommendations from grade 9 English instructors and counselors with reference to class performance and ability. The course is designed to meet the needs of students with above average or college capable language skills.

Course Objectives: This course combines the objectives of the English 10 Communication and the English 10 Literature classes into a full year course. In addition to meeting the objectives of those classes, English 10H classes will explore topics in greater depth than standard classes, will cover more material, and will focus on analytic writing and speaking skills and knowledge needed for transition into the IB program.

Summer Reading: One novel is required summer reading. Students should ask the English teacher for the required reading assignment before leaving for summer break (or visit the FHS web page.)

***, **, *** ENGLISH 10 AND AGRICULTURE 2**

Credit 2.0; Full year; double periods; Grade 10

Credit: 1.0 Vocational and 1.0 English

Materials Fee: \$15

Prerequisite: None

Course Objectives: The English course combines the curricula of English 10 Communication AND English 10 Literature, both courses required for graduation. Please see the full course objectives for English 10 Communication AND English 10 Literature.

This course is offered in conjunction with the Ag 2 class at the HER Ag Center. Please see the Career and Technical Education section for a description of the Ag 2 class.

***ENGLISH 11 BASIC**

Credit 1.0; Full year; Grade 11

Prerequisites: Placement is based on recommendations of grade 10 English instructors and counselors with reference to assessment data. The course is designed to meet the needs of students with learning disabilities and those who read at the novice level.

Course Objectives: This course fulfills the requirements of one literature course and the composition course. It is tailored to meet the special needs of those who have difficulty mastering language in the areas of reading and writing. Objectives include demonstrating knowledge and competent performance in reading and analyzing literature and in writing.

****/** ENGLISH 11 IB LITERATURE (HL)**

Credit: 1.0; Full year, grade 11

Materials Fee: Only those students intending to seek the IB diploma or IB certificate(s) will have fees, during their senior year.

Prerequisite: English 10H and English 9H recommended.

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB Full Diploma requirement for English A (Higher Level). The IB curriculum for grade 11 Literature focuses on close reading of literary texts and the development of the analytical skills of commentary on those texts. Using literature from a variety of time periods and continents, students will demonstrate their knowledge of the writers' craft by offering written and oral critical commentaries in which detailed close readings of text provide the evidence for arguments of analysis and evaluation. Students will compare and contrast the works of different cultures, genres and time periods. Research writing, essay writing, timed essay writing, and oral presentations will be practiced and evaluated.

In addition to serving as the first year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition.

****/** ENGLISH 11: IB LANGUAGE AND LITERATURE (HL)**

Credit: 1.0; Full year, grade 11

Materials Fee: Only those students intending to seek the IB diploma or IB certificate(s) will have fees during their senior year.

Prerequisite: Completion of English 10.

Course Objectives: The first year in a two year sequence, this course is open to any student and if students test, meets the requirements for many schools for college credit. The curriculum for grade 11 focuses on how cultural context, language, and audience influence meanings in various texts and how the forms of mass communication impact various objectives of "texts." Students will examine how language changes and shapes meanings within cultures. By analyzing the texts of various modes of mass communication, students will examine the way in which the production and reception of messages is influenced by the form and medium.

In addition to serving as the first year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition.

***ENGLISH 12 BASIC**

Credit 1.0 or .5; Full year; Grade 12

Prerequisites: Placement is based on recommendations of grade 11 English instructors and counselors with reference to assessment data. The course is designed to meet the needs of students with learning disabilities and those who read at the novice level.

Course objectives: This course is designed to give students the opportunity to explore the role of the archetypes in literature. Emphasis will be placed on developing cultural literacy through analysis of the role of the hero in western civilization. This course emphasizes practical writing skills along with writing about literature. Objectives include demonstrating practical composition skills and analyzing literature and film

****/** ENGLISH 12 IB LITERATURE (HL)**

Credit: 1.0; Full year; Grade 12

Materials Fee: As a component of the course, all student must take either the IB external assessments or alternate internal assessments.

Prerequisite: English 10H and English 11 IB Literature recommended; English 11IB Literature required for external assessments

Skill Level: This course is designed to meet the needs of students with above average or college capable language skills. It is open to any student intending to go to college and specifically meets the Language A (Higher Level) requirements for IB diploma candidates.

Course Objectives: The IB curriculum for grade 12 English focuses on close reading of literary texts and the development of the analytical skills of commentary on those texts. Using literature from a variety of time periods and continents, students will demonstrate their knowledge of the writers' craft by offering written and oral critical commentaries in which detailed close readings of text provide the evidence for arguments of analysis and evaluation. Students will compare and contrast the works of different cultures, genres and time periods. Research writing, essay writing, timed essay writing, and oral presentations will be practiced and evaluated.

Summer Reading: One novel is required for summer reading. Students should ask the English teacher for the required reading assignment before leaving for summer break (or visit the FHS web page.)

In addition to serving as the second year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition.

****/** ENGLISH 12 IB LANGUAGE AND LITERATURE (HL)**

Credit: 1.0; Full year; Grade 12

Materials Fee: As a component of the course, all students must take either the IB external assessments or alternate internal assessments.

Prerequisite: English 11 IB Language & Literature recommended; English 11IB Language & Literature required for external assessments

Course Objectives: The second year in a two-year sequence, this course continues the study of language and literature begun in IB English 11 Language & Literature, and if the student tests, it meets the requirements for many schools for college credit. The curriculum for grade 12 focuses on how cultural context, language, and audience influence meanings in various texts and how the forms of communication impact various objectives of "texts." Students will examine how language changes and shapes meanings within cultures. By analyzing the texts of various modes of communication, students will examine the way in which the production and reception of messages is influenced by the form and medium.

Summer Reading: Summer reading will include a variety of texts from multiple non-fiction genres. Students should ask the English teacher for the required reading assignment before leaving for summer break (or visit the FHS web page.)

In addition to serving as the second year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition.

SPEECH ELECTIVE COURSE DESCRIPTION

**** or *** SPEECH WORKSHOP**

Credit .5; One semester; Grades 9, 10, 11, 12

Prerequisite: None

Course Objectives: This course presents the student with opportunities to compose and deliver a variety of different types of public speeches and debates and to learn oral communication skills and the skills of research, evidence analysis, argumentation and informal logic. Objectives include demonstrating knowledge and competent performance in speaking and debating.

LITERATURE ELECTIVE COURSE DESCRIPTIONS

**** or *** AMERICAN LITERATURE**

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course focuses on the rich heritage of literature by American authors. The course surveys all genres and all time periods of American writing. Objectives include demonstrating knowledge and competent performance in reading and writing in response to literature.

**** or *** MONTANA AND NATIVE AMERICAN LITERATURE**

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course focuses on Montana writers, Native American stories & writings, and writings about Montana. A variety of perspectives of Montana are revealed through a study of the rich literary heritage of the state. Objectives include demonstrating knowledge and competent performance in reading and writing in response to literature.

**** or *** MYTHOLOGY**

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course covers not only classical Greek & Roman mythology, but also world myths, social/cultural myths, and literary heritage of the state and its tribal nations. Objectives include demonstrating knowledge and competent performance in reading and writing in response to literature.

**** or *** POETRY**

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course is designed to explore the poetic forms and to become acquainted with a variety of world poets. Students will explore their own capabilities in writing poetry in a variety of forms. Objectives include demonstrating knowledge and competent performance in reading and writing in response to literature.

**** SCIENCE FICTION AND FANTASY**

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course is designed to acquaint students with the major writers of science fiction and fantasy and to trace the history and development of the science fiction and fantasy genres. (A greater emphasis is placed on the science fiction genre). Objectives include demonstrating knowledge and competent performance in reading and writing in response to literature.

**** or *** THEATRE AS LITERATURE IB (SL) or (HL)**

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course is open to any student and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Drama written by major playwrights from a variety of countries, time periods and theatrical movements will be the literature studied in this course. Objectives include demonstrating knowledge and competent performance in reading and responding to literature.

****To earn the IB designation on higher level courses, students must register and take the IB external assessment during the senior year.***

WRITING ELECTIVE COURSE DESCRIPTIONS

**** or *** CREATIVE WRITING**

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: None

Course Objectives: This course is a workshop for aspiring writers, including practice with short stories, poetry and drama. Writing style, elements of literary forms, individual voice, command of language, and publication-ready skills are emphasized. Objectives include writing fluency, originality, peer editing, and competence in all aspects of the writing process.

READING ELECTIVE COURSE DESCRIPTIONS

*** READING INTERVENTION**

Credit .5; One semester; Grades 9, 10, 11, 12

Credit: General English elective

Prerequisite: Placement is based on recommendations of previous English instructors and counselors with reference to district assessment data. Additionally, students will complete an individual reading assessment with the Reading Intervention staff at the beginning the course. The course is designed for students who read at the 1st - 3rd Stanine level and who struggle with reading skills. This course is open to all struggling readers and is required for all 9th grade students scoring at the 1st - 3rd Stanine level on standardized reading assessments and confirmed by individual testing.

Course Objectives: This course provides individualized and small group instruction specifically tailored to students' reading skill needs. Coursework involves intense practice in decoding, fluency and application of comprehension strategies, while providing students with practice in reading a wide variety of genres. Pre and post individually-administered reading tests will be used to assess student progress, with the goal of grade level reading efficiency.

*** or ** SUCCESS IN READING**

Credit .5; One semester; Grades 9, 10, 11, 12

Credit: General English elective

Prerequisite: None

Course Objectives: This course is designed to develop skills for reading in the content areas. Selections for reading include both independent and group fiction and non-fiction texts. Vocabulary development, study skills and critical thinking skill strategies are stressed. Students scoring at the 4th Stanine on the District screening assessment are strongly encouraged to enroll.

PUBLICATIONS ELECTIVE COURSE DESCRIPTIONS

**** or *** NEWSPAPER JOURNALISM**

Credit 1.0 for Full year; Grades 10, 11, 12

Credit: General English elective

Prerequisites: Application to the program is required. Placement in the course is dependent on a B or better average in previous English classes and an excellent attendance record.

Course Objectives: Students will learn advanced skills in interviewing, journalistic writing, editing and proofreading, desktop publication and advertising to produce the student newspaper. Objectives include demonstrating knowledge and competent performance in Journalism in the creation of the school newspaper. This production based course requires both in class and after school time. Students who work after school or have time consuming activities are encouraged to talk to the instructor before applying. Success in this class is dependent on writing articles weekly, as well as on selling advertising, as students gain real-world business experience in running and publishing a newspaper. Advertising sales are a factor in each quarter's grades.

**** or *** YEARBOOK**

Credit 1.0 for Full year Grades 10, 11, 12

General elective credit only (non-English credit)

Prerequisites: Application to the program is required. Placement in the course is dependent on a B or better average in previous English classes and an excellent attendance record.

Course Objectives: Students in this course learn journalistic skills and marketing skills to produce the school yearbook. Objectives include demonstrating knowledge and competent performance in journalism, graphic design, advertising, and marketing in the creation of the yearbook. This production-based course requires both in class and after school time. Students who work after school or who have time consuming activities are encouraged to talk to the teacher before applying. All students are required to sell advertising to help support the printing costs of the yearbook and ad sales are part of the semester grade.

GENERAL ELECTIVE COURSE DESCRIPTION

**** or *** LEARN AND SERVE: TUTORING READING IN THE ELEMENTARY SCHOOLS**

Credit .5; One semester; Grades 11, 12

Credit: General English elective

Prerequisite: None

Course Objectives: The class is designed to allow juniors and seniors who are interested in becoming teachers or child-care providers to work on reading skills with elementary aged students in a one-on-one setting. The high school students will receive instruction on the methods of working with elementary students and strategies for tutoring reading. They will be monitored closely by both their high school teacher and the elementary teachers whose students are part of the program. The high school students will be working 3-4 days a week in the elementary schools with the younger students. Objectives include demonstrating knowledge and competent performance in reading tutoring and mentoring will receive instruction on the methods of working with elementary students and strategies for tutoring reading. They will be monitored closely by both their high school teacher and the elementary teachers whose students are part of the program. The high school students will be working 3-4 days a week in the elementary schools with the younger students. Objectives include demonstrating knowledge and competent performance in reading tutoring and mentoring.

THEATRE ELECTIVE COURSE DESCRIPTIONS

Students who are working toward an IB Theatre certificate or are completing the IB Theatre program for their IB diploma group 6 requirement **MUST** complete the courses in the following order.

**** or *** ACTING 1 PROCESS, PRACTICE AND PHILOSOPHY**

Credit .5; One semester; Grades 9, 10, 11, 12

Prerequisite: None.

Course Objectives: A variety of mime, movement and vocal exercises along with scene work and other theatre exercises will be used to develop the skills needed for character portrayal. Reading, viewing and analyzing plays will be used to develop the understanding of the discipline required for theatre and to develop an appreciation for theatre as an art. Objectives include demonstrating knowledge and competent performance of theatrical arts concepts and skills.

**** or *** ACTING 2 PROCESS AND PERFORMANCE**

Credit .5; One semester; Grades 9, 10, 11, 12

Prerequisite: Acting 1

Course Objectives: This course is open to any student who has met the prerequisites and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Students will further develop their character portrayal skills while continuing to develop the discipline required by the actor. A variety of monologue and ensemble performances, along with experiences to assist the actor in analyzing a script and experiences to assist the actor in understanding the role of the actor in the production process will be used to further instill the concept of theatre as an art. **Performance in the class production is a requirement of this course.** Objectives include demonstrating knowledge and competent performance of theatrical arts concepts and skills.

**** or *** ACTING 3 DIRECTING AND DESIGN IB (SL) or (HL)**

Credit .5; One semester; Grades 10, 11, 12

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisites: Acting 2

Course Objectives: This course is open to any student and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Students will learn and practice the following integrated aspects: world theatre traditions, the director's vision for realization on the stage; the relationship between the play's themes and the actions of the characters within the play; and the processes of bringing the play to life, including all design aspects, rehearsal techniques as well as other production elements. **Performance in the class production is a requirement of this course** Objectives include demonstrating knowledge and competent performance of theatrical skills.

**** or *** ACTING 4 ADVANCED ACTING IB (SL) or (HL)**

Credit .5; One semester; Grades 10, 11, 12

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: Acting 2

Course Objectives: This course is open to any student and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Students further develop their skills in the dramatic arts by becoming a member of a play-producing company. Student produced and directed productions are performed as a part of the FHS theatre season. **Performance in the class production is a requirement of this course.** Objectives include demonstrating knowledge and competent performance of theatrical arts concepts and skills*

**** or *** TECHNICAL THEATRE 1**

Credit: .5; One semester; Grades 9, 10, 11, 12

Credit: English Elective or Career Tech Ed

Course Objectives: This course focuses on technical theatre to develop an overall understanding and appreciation for theatre. Emphasis will be placed on scenic design and lighting design, studying concepts and skills including: color theory, construction, painting, and hanging lights. Members of the class will assist with the technical aspects of FHS theatre productions presented during the semester during the class in a “work lab” based environment. These students will apply technical elements to enhance the production of drama and theatre works at Flathead High School.

**** or *** TECHNICAL THEATRE 2**

Credit: .5; One semester: Grades 10, 11, 12

Credit: English Elective or Career Tech Ed

Pre-Requisite: Technical Theatre 1 or Consent of Instructor

Course Objectives: This advanced course is a continuation of Technical Theatre 1 and focuses on further development of technical theatre skills and concepts. Emphasis will be placed on costume design and sound design, studying concepts and skills including: figure drawing, soundscapes, and digital sounds. Members of the class will assist with the technical aspects of FHS theatre productions presented during the semester during the class in a “work lab” based environment. These students will apply technical elements to enhance the production of drama and theatre works at Flathead High School.

**** or *** THEATRE AS LITERATURE IB (SL) or (HL)**

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course is open to any student and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Drama written by major playwrights from a variety of countries, time periods and theatrical movements will be the literature studied in this course. Objectives include demonstrating knowledge and competent performance in reading and responding to literature.

****To earn the IB designation on higher level courses, students must register and take the IB external assessment during the senior year***

HEALTH ENHANCEMENT

Note: You MUST successfully complete two semesters of the Physical Education courses Life Skills and/or Athletic Foundations prior to enrolling in any elective health enhancement courses. A student must have at least one semester of Athletic Foundations prior to enrolling in Strength and Conditioning. Health will be included in the Freshman Academy and should be completed by all students during their 9th grade year. If you are a new student entering FHS, you will need to complete the Physical Education and Health requirement prior to graduation.

*****Students taking a health enhancement course will be required to wear the designated Flathead High School PE Uniform. The uniform consists of black Flathead Physical Education shorts, and a grey Flathead Physical Education T-shirt. The uniform fee of \$15 can be paid at the main office. Students need to retain a receipt and present it to their health enhancement teacher. Uniforms will be distributed during the PE class. Students needing financial assistance to cover the cost should speak to their PE teacher, an administrator, or school counselor. PE clothing should be brought to the gym area and stored in an assigned gym locker.***

AEROBICS

Credit .5; One semester; Grades 10, 11, 12

Credit: Course may be taken more than once for credit; general elective

Equipment and Fee: **FHS PE Uniform \$15**

Prerequisite: Successful completion of 1.0 credit of required Life Skills and/or Athletic Foundations Physical Ed.

Course Objectives: Aerobic Fitness is a class designed for students interested in improving their current fitness level. The five areas of fitness: cardio respiratory fitness (strength and endurance), muscular strength, muscular endurance, flexibility, and body composition will be addressed through various workouts. Activities include step aerobics, aerobic activities, cross training, circuits, strength training, nutrition information, and game activities. Individuals will learn how to organize and manage their personal fitness programs utilizing proper fitness concepts. Students who are serious about their physical condition will find this class oriented to the fitness conscious person.

FOUNDATIONS OF LEADERSHIP

Credit .5; One Semester; Grade 11

Prerequisites: Application and signature from the instructor

Course Objectives: To help students identify and enhance their own leadership strengths and guide them to become better servant leaders throughout our community. Through a series of lectures, guided interaction, group exercises and community service, students will explore the principles of servant leadership and learn to develop individual and group leadership skills to impact their lives and community. Content areas include decision making, goal setting, effective communication, servant leadership, organization and time management skills, conflict/negotiation strategies, team building, and concrete strategies to implement positive change throughout our school and community.

HEALTH

Credit .5; One semester; Grade 9

Prerequisite: None

Course Objectives: The course deals with all aspects of health including physical, social and mental health. Health care, awareness, treatment and prevention of disease are discussed with the intent of developing the individual's obligation for helping maintain a healthful environment. The course includes units covering all aspects of "wellness," such as fitness, nutrition, first aid, drugs and dependency, family life, human growth and development, including sex education and AIDS education. Decision-making is considered in each unit with discussion, activities and information presented to help in learning the process.

PHYSICAL EDUCATION Athletic Foundations

Credit .5; One semester; Grades 9, 10, 11, 12

Equipment and Fee: **FHS PE Uniform \$15**

Prerequisite: None

Course Objectives: The course is an integral part of education concerned with the development of cardio respiratory fitness (endurance and strength), muscular strength, muscular endurance, flexibility and acceptable range of body composition. This class covers basic weight training, plyometrics, fitness and fitness related activities. The class objective is to develop a solid base for students who are involved in activities. Athletes are strongly encouraged to be enrolled in this class.

PHYSICAL EDUCATION Life Skills

Credit .5; One semester; Grades 9, 10, 11, 12

Equipment and Fee: **FHS PE Uniform \$15**

Prerequisite: None

Course Objectives: The course is an integral part of education concerned with the development of cardio respiratory fitness (endurance and strength), muscular strength, muscular endurance, flexibility and acceptable range of body composition. A variety of activities are offered to familiarize students with activities that may be utilized as worthy leisure time endeavors. These activities may include: aerobic dance, soccer, floor hockey, softball, strength training, bowling, basketball, pickleball, dance, volleyball, world Frisbee, flag football, badminton, aerobic exercise, step aerobics and physical conditioning

.SPORTS MEDICINE

Credit 1.0; Full year; Grades 11, 12

Credit: Health Enhancement or Science General elective

Materials Fee: \$15 lab fee

Prerequisite: 1.0 credit of required Physical Education, Health, and successful completion of 2.0 credit of Lab Science, including Biology.

Course Objectives: This year-long course in applied Anatomy and Physiology is directed towards students interested in the Allied Health Professions. Students interested in careers such as nursing, athletic training, physical therapy, orthopedic medicine, emergency care, and general health care will be benefited by this course.. This class covers functional anatomy and physiology, emergency procedures, skeletal-muscular injury evaluation, assessment and treatment, internal medicine, preventative taping and bracing techniques, special medical testing and treatment, athletic sport conditioning, nutrition, drugs and supplements, and much more. The students will be exposed to skeletal-muscular injury management, sport event emergency coverage, medical professional guest speakers, taping labs, and orthopedic clinic visits. Students will also participate in anatomy dissections. This college prep course also provides the necessary information needed for the student athletic trainer to become competent in the skills that are recommended by the National Athletic Trainers Association and possibly go on to college and pursue a degree in athletic training.

STRENGTH AND CONDITIONING (Also offered Early Bird - 7:20am-8:10am)

Credit .5; One semester; Grades 10, 11, 12

Credit: Course may be taken more than once for credit; general elective

Equipment and Fee: FHS PE Uniform \$15

Prerequisite: One credit of Physical Education of which one semester must be Athletic Foundations

Course Objectives: This class will take an in-depth look into weight training, training modes, program design, and how it fits into a complete fitness program. Students will keep track of their own weight training programs and their personal fitness plans. Concepts covered include anatomy, exercise physiology, and kinesiology. This course is designed to introduce Sports Specific Training skills and techniques to students involved within their specific sport or activity (i.e. Soccer, Football, Swimming, Volleyball, Tennis, Track, Cheer, Wrestling, Golf, Basketball, Softball, and Cross Country). Students will optimize their aerobic conditioning, muscular strength, muscular endurance, and flexibility. Advanced strength, plyometric, agility, and endurance assessments will also be measured, and personalized workouts created.

INTERNATIONAL BACCALAUREATE
A World Class Program of Academic Excellence

Flathead High School was the first high school in Montana to offer a curriculum of world-class standards with the IB Diploma Programme. A full IB Diploma candidate must take at least 3 higher level (HL) courses and 3 standard level (SL) courses during the junior and senior years. Higher level courses are completed over two years and some standard level courses are completed in one year. Students must also enroll in Theory of Knowledge (TOK) for two semesters; complete an Extended Essay, and fulfill the requirements of the CAS program (Creativity, Action, Service). In addition, students must meet the graduation requirements for FHS. Full IB diploma students should meet with the IB coordinator to make sure that their schedule meets all of the requirements.

Standard IB Full Diploma Schedule

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|---|---|--|--|
| English 9 Honors Recommended | English 10 Honors Recommended | Choices: English 11 IB Lit HL English 11IB Land & Lit HL | Choices: English 12 IB Lit HL English 12 IB Land & Lit HL |
| French or Spanish 1 | French or Spanish 2 | French or Spanish 3 | French or Spanish 4 IB SL |
| 21 st Century Lit/Health | Western Civ Honors Recommended | History of the Americas IB HL | 20 th Century IB HL |
| Math Algebra 1 or Geometry | Math Geometry or Alg 2 | Choices: Alg 2 Math Studies IB SL PreCalc IB SL | Choices: Math Studies IB SL Calc IB SL |
| Biology | Chemistry | Choices: Bio 1 IB HL Physics 1 IB SL Enviro 1 IB | Choices: Bio 2 IB HL Physics 2 IB SL Enviro 2 IB SL |
| Choices: PE Career & Tech Ed Fine Art | Choices: PE Career & Tech Ed Vocational Fine Art Harmony (if you are considering IB Music) Acting 1 (if you are considering IB Theater) Enviro1 (if your full diploma schedule is so tight that you need to begin your science in grade 10) | Choices: Art IB SL/HL Theater IB SL/HL (Theater as Lit Semester 1 and Acting 2 Semester 2) Business IB SL/HL Psychology IB SL/HL Global Politics SL Info Tech in Global Soc. SL Another IB science | Choices: Art IB SL/HL Theater IB SL/HL (Acting 3 Semester 1 and Acting 4 Semester 2) Music IB SL (You would also need to be in a performance class) Business IB SL/HL Psychology IB SL/HL Info Tech in Global Soc. SL Another IB science |
| Choices: See list above | Choices: IT Essentials See list above | Elective or / TOK, Fine Art, PE, Vocational | TOK/Government |

*There are always special situations, but this is a schedule outline that will work for most full diploma students.

*All full diploma students need 3 Higher Level classes (HL) and 3 standard level classes (SL) and must have a class from each of the 6 groups (English, International Language, History, Math, Science, and Elective).

| Higher Level (HL) | Standard Level (SL) |
|--|--|
| English | International Language |
| History | Math |
| The 3 rd HL must be in science or one of the electives. | The 3 rd SL must be science or one of the electives, whichever is not the HL. |

Course Descriptions

Group 1: Studies in Language and Literature

****/** ENGLISH 11 IB LITERATURE (HL)**

Credit: 1.0; Full year; Grade 11

Materials Fee: Only those students intending to seek the IB diploma or IB certificate(s) will have fees, during their senior year.

Prerequisite: English 10H and English 9H recommended.

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB Full Diploma requirement for English A (Higher Level). The IB curriculum for grade 11 Literature focuses on close reading of literary texts and the development of the analytical skills of commentary on those texts. Using literature from a variety of time periods and continents, students will demonstrate their knowledge of the writers' craft by offering written and oral critical commentaries in which detailed close readings of text provide the evidence for arguments of analysis and evaluation. Students will compare and contrast the works of different cultures, genres and time periods. Research writing, essay writing, timed essay writing, and oral presentations will be practiced and evaluated.

In addition to serving as the first year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition.

****/** English 11 IB LANGUAGE AND LITERATURE (HL)**

Materials Fee: Only those students intending to seek the IB diploma or IB certificate(s) will have fees their senior year.

Prerequisite: Completion of English 10.

Course Objectives: The first year in a two year sequence, this course is open to any student and if students test, meets the requirements for many schools for college credit. The curriculum for grade 11 focuses on how cultural context, language, and audience influence meanings in various texts and how the forms of mass communication impact various objectives of "texts." Students will examine how language changes and shapes meanings within cultures. By analyzing the texts of various modes of mass communication, students will examine the way in which the production and reception of messages is influenced by the form and medium.

****/** ENGLISH 12 IB LITERATURE (HL)**

Credit: 1.0; Full year; Grade 12

Materials Fee: As a component of the course, all students must take either the IB external assessments or alternate internal assessments.

Prerequisite: English 10H, English 11 IB recommended; English 11IB required for external assessments

Skill Level: This course is designed to meet the needs of students with above average or college capable language skills. It is open to any student intending to go to college and specifically meets the Language A (Higher Level) requirements for IB diploma candidates.

Course Objectives: The IB curriculum for grade 12 English focuses on close reading of literary texts and the development of the analytical skills of commentary on those texts. Using literature from a variety of time periods and continents, students will demonstrate their knowledge of the writers' craft by offering written and oral critical commentaries in which detailed close readings of text provide the evidence for arguments of analysis and evaluation. Students will compare and contrast the works of different cultures, genres and time periods. Research writing, essay writing, timed essay writing, and oral presentations will be practiced and evaluated.

Summer Reading: : Summer reading will include a variety of texts from multiple non-fiction genres. Students should ask the English teacher for the required reading assignment before leaving for summer break (or visit the FHS web page.) In addition to serving as the second year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition.

***** ENGLISH 12 IB LANGUAGE & LITERATURE (HL)**

Credit: 1.0; Full year; Grade 12

Materials Fee: To earn the IB designation on higher level courses, students must take the IB external assessments.

Prerequisite: English 10H and English 11 IB Language & Literature recommended; English 11 IB Language & Literature required for external assessments

Course Objectives: The second year in a two-year sequence, this course continues the study of language and literature begun in IB English 11 Language & Literature, and if the student tests, it meets the requirements for many schools for college credit. The curriculum for grade 12 focuses on how cultural context, language, and audience influence meanings in various texts and how the forms of communication impact various objectives of “texts.” Students will examine how language changes and shapes meanings within cultures. By analyzing the texts of various modes of communication, students will examine the way in which the production and reception of messages is influenced by the form and medium.

Summer Reading: One novel is required for summer reading. Students should ask the English teacher for the required reading assignment before leaving for summer break (or visit the FHS web page.)

In addition to serving as the second year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition

In addition to serving as the second year of the IB curriculum for higher level English, this course counts for graduation purposes as one semester of literature and one semester of composition.

* To earn the IB designation on higher level courses, students must register and take the IB external assessment during their senior year.

Group 2: Language Acquisition

LEVEL 2 FRENCH IB/Ab Initio, (Standard Level) OR SPANISH IB/Ab Initio, (Standard Level)

Credit: 1.0 Full Year, grade 10, 11, 12

Prerequisite: Successful completion of level 1 and teacher recommendation. Students who wish to take the class for Ab Initio credit must have permission from the IB coordinator and the Ab Initio instructor.

Fee: Only for those taking the Ab Initio test

Course Objective: Level 2 studies of French and Spanish build on and increase the vocabulary and grammar skills from level 1. Oral and written skills are developed through cultural studies.

LEVEL 3 FRENCH IB/Ab Initio, (Standard Level) or LEVEL 3 SPANISH IB/Ab Initio, (Standard Level)

Credit: 1.0 Full year, grade 10, 11, 12

Prerequisite: Successful completion of level 2 and/or teacher recommendation. Students who wish to take the class for Ab Initio credit must have permission from the IB coordinator and the Ab Initio instructor.

Fee: Only for those taking the Ab Initio test

Course Objective: Level 3 develops an ease in conversation, reading, and writing. Students increase their skills through authentic literature, cultural and historical studies. Level 3 is designed to meet the needs of students who simply want to continue language study, prepare for college or those who plan to take the IB test in Level 4.

LEVEL 4 FRENCH / IB FRENCH, (Standard Level)

Credit: 1.0 Full year, grade 11, 12

Prerequisite: Successful completion of French 3 and teacher permission.

Fee: Only those students intending to seek IB diploma or IB certificate/s will have fees.

Course Objectives: Students develop their proficiency in interactions with other speakers of French, understanding oral and written message in French, and making oral and written presentations in French. Students exchange and support opinions on a variety of topics related to contemporary events and issues. IB students who are sitting for the IB test will have specific test practice.

*Students enrolled in this class will have a summer assignment in preparation for Level 4.

LEVEL 4 SPANISH / IB SPANISH, (Standard Level)

Credit: 1.0 Full year, grade 11, 12

Prerequisite: Successful completion of Spanish 3 and teacher permission.

Fee: Only those students intending to seek IB diploma or IB certificate/s will have fees.

Course Objective: Students develop their proficiency in interactions with other Spanish speakers, understanding oral

and written messages in Spanish, and making oral and written presentations in Spanish. Students exchange and support opinions on a variety of topics related to contemporary events and issues. IB students who are sitting for the IB test will have specific test practice.

*Students enrolled in this class will have a summer assignment in preparation for Level 4. *Group 3: Individuals and Societies*

Group 3: Individuals and Societies

20TH CENTURY ISSUES IB (HL)

Credit: 1.0; Full year; Grades 12

Credit: Social Science Elective

Materials Fees: Only those students intending to seek IB diploma or IB certificate/s will have fees.

Prerequisite: History of the Americas IB (HL) or department recommendation.

Course Objectives: This course is open to students who intend to go to college and specifically meets the IB full diploma requirement for Individuals and Society (Social Studies). This Higher Level course is the second year of the two-year International Baccalaureate curriculum. This year's curriculum includes an emphasis on the end of the Cold War. Students will be required to write a 2,200 word in-depth investigation of a significant historical topic for their internal assessment. Students in this class should have above average or college-capable reading skills. In addition to serving as the second year of the IB curriculum for higher-level Social Science, this course counts as a social science elective for graduation purposes. To earn the IB designation on higher-level courses, students must take the IB external assessments.

HISTORY OF THE AMERICAS IB (HL)

Credit: 1.0; Full year; Grade 11

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: Western Civilization Honors or Department Recommendation

Course Objectives: This course is recommended for college-bound students and specifically meets the IB full diploma requirement for Individuals and Society (Social Studies). This Higher Level (HL) history course is the first year of the two-year International Baccalaureate curriculum. History of the Americas is a comparative course, which will integrate the histories of Canada, Latin America, and the United States from the 18th Century to the present, with a heavy emphasis on the past 100 years. This course is designed to promote an awareness and understanding of U.S. history and our interaction with the Western Hemisphere. Students in this class should have college-level reading and writing skills. In addition to serving as the first year of the IB curriculum for higher-level Social Science, this course counts for graduation purposes as one year of United States History.

Group 4: Experimental Sciences

BIOLOGY 1 IB (HL first year)

Credit 1.0 Full year; Grade 11 or 12

Note: This is the first year of a two-year IB Biology sequence. Students are welcome to take this course without continuing to the second year if they are interested in an advanced biology class and are not seeking an IB certificate.

Prerequisite: Successful completion of two years of laboratory science including earning a "C" or higher in Biology. It is recommended, but not required, to have successful completion of Chemistry.

Course Objective: This course is open to any student meeting the prerequisites and specifically meets the IB full diploma science requirement. The IB biology curriculum is designed to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing and expanding science of biology in the modern world. The successful student will develop his or her experimental and investigative skills. This is a rigorous, in depth, two-year biology sequence; designed to be taken the junior and senior years. Biology 1 IB will cover cell biology, physiology, ecology and plant science. In addition, a required group project will be completed with another IB science class.

BIOLOGY 2 IB (HL second year)

Credit 1.0; Full year; Grade 12

Prerequisite: Biology 1 IB (HL)

Course Objective: This course is open to any student meeting the prerequisites and specifically meets the IB full diploma science requirement. The Biology IB curriculum is designed to provide students with a conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing and expanding science of biology in

the modern world. The successful student will develop his or her experimental and investigative skills. This rigorous, in depth, two year biology sequence is designed to be taken the junior and senior years. Biology 2 IB will cover statistics, the chemistry of life, genetics and evolution. To earn the IB designation on higher level courses, students must take the IB external assessments. See fee schedule and the details included in the IB portion of this handbook.

ENVIRONMENTAL SYSTEMS and SOCIETIES 1 IB (SL First Year)

This course is the PREREQUISITE for the ENVIRONMENTAL SYSTEMS and SOCIETIES 2 IB (SL)

Credit 1.0; Full year; Grades 11 or 12

Note: *This is year one of the two year IB Environmental Systems and Societies sequence designed for IB diploma and IB certificate candidates. However, students are welcome to take this course without going on to the second year if they are interested in only one year of an environmental science course.* Prerequisite(s): Completion of two years of lab science including earning a C or higher in Biology.

Course Objective: The intent of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that is scientific and enables the adoption of an informed personal response to the wide range of environmental issues societies around the world face. This course emphasizes the scientific method, field studies, analysis of quantitative data, and strong lab design skills. Topics to be covered are systems and models, ecosystems and ecology, biodiversity and conservation, and atmospheric systems and pollution. Students will be participating in field trips to Glacier National Park, the Flathead River, and either Newport Oregon, or Moab, Utah. Further class details can be found online at www.mscores.com

ENVIRONMENTAL SYSTEMS and SOCIETIES 2 IB (SL Second Year)

Credit 1.0; Full year; Grade 11 or 12

Note: *This is the second year of the two year Environmental Systems and Societies IB sequence designed for IB diploma and IB certificate candidates.*

Prerequisite: Successful completion of Environmental Systems and Societies 1IB.

Course Objective: The intent of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that is scientific and enables the adoption of an informed personal response to the wide range of environmental issues societies around the world face. This course emphasizes the value of empirical, quantitative, and objective data in describing and analyzing environmental systems. This course also provides students with the experiences and skills necessary to quantitatively examine the environment. Field research is a REQUIRED portion of the curriculum. Topics to be covered are water and aquatic food production systems, soil systems, food production/agriculture, human systems and resource use, energy resources, natural capital, and climate change. Students will be participating in field trips to Glacier National Park, the VoAg Center, and either Newport, Oregon or Moab, Utah to complete ecological field studies. Further class details can be found online at www.mscores.com.

PHYSICS 1 IB (SL First Year)

Credit 1.0; Full Year; Grades 11, 12

NOTE: This is year one of the two year IB Physics sequence designed for IB diploma and IB certificate candidates. However, students are welcome to take this course without going on to the second year if they are interested in only one year of a challenging physics class.)

Prerequisites: Successful completion of two years of lab science and completion of Algebra 2 with a "C" or better or currently enrolled in Algebra 2.

Course Objectives: This course is designed to meet the needs of college bound students and will fulfill the IB full diploma science requirement. It is a course designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with diverse physics topics and their applications in the dynamic, modern world. Topics studied include measurements and uncertainties, mechanics, thermal physics, waves, circular motion and gravitation, and energy production. Laboratory work is emphasized and requires structured labs, research papers and experimental projects. Instruction is student-centered with cooperative learning as well as teacher direction, thus offering the student a college-level physics experience. Only those students choosing to enroll in both years of IB Physics, will sit for the standard level exam, offered in the spring of the second year. An interdisciplinary group project helps students realize that all scientific disciplines share the common goal of understanding how the world works, and that scientists can work together on problems to discover solutions to a common goal. Students entering the program may be given a summer assignment, which will review basic mathematical skills and introduce concepts of analytical reasoning.

PHYSICS 2 IB (SL Second Year)

Credit 1.0; Full Year; Grade 11 or 12

NOTE: This is year two of the two year Physics IB sequence designed for IB diploma and IB certificate candidates.

Prerequisites: Successful completion of Physics 1 IB.

Course Objectives: This course is designed to meet the needs of college bound students and will fulfill the IB full diploma science requirement. It is a course designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with diverse physics topics and their modern world. Topics studied include atomic and nuclear physics, energy and power, and astrophysics. Laboratory work is emphasized and requires structured labs, research papers, and experimental projects. Instruction is student-centered with cooperative learning as well as teacher direction, thus offering the student a college-level physics experience. Only those students choosing to enroll in both years of IB Physics, will sit for the standard level exam, offered in the spring of the second year. An interdisciplinary group project helps students realize that all scientific disciplines share the common goal of understanding how the world works, and that scientists can work together on problems to discover solutions to a common goal. Students entering the program may be given a summer assignment, which will review basic mathematical skills and introduce concepts of analytical reasoning.

To earn the IB designation on higher level courses, students must register and take the IB external assessment during their senior year.

Group 5: Mathematics

PRE-CALCULUS IB (SL)

Credit: 1.0; Full year; Grade 11 or 12th graders who do not intend to sit for IB exams

Equipment: Graphing calculator strongly recommended

Prerequisite: Algebra 2 with a minimum grade of “C” semester 2.

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB full diploma mathematics requirement after completion of Calculus IB (SL) during the senior year. This course covers traditional pre-calculus topics, with an emphasis upon functions (polynomial, rational, logarithmic, circular, trigonometric, exponential) as well as vectors, probability, and statistics leading to a full year of calculus.

CALCULUS IB (SL)

Credit: 1.0; Full year; Grade 12

Equipment: Graphing calculator strongly recommended

Prerequisite: Pre-Calculus IB (SL) with a minimum grade of “C” semester 2

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB full diploma mathematics requirement. In addition, students may elect to take the AP exam for college credit. This course covers differential and integral calculus.

MATH STUDIES IB (SL)

Credit: 1.0; Full year; Grades 11, 12

Equipment: Graphing calculator strongly recommended

Prerequisite: Algebra 2 with a minimum grade of “C” semester 2.

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB full diploma mathematics requirement in one year. This course covers a broad spectrum of pre-calculus topics, with an emphasis upon practical application of advanced mathematical concepts. The distinguishing feature of this course is the “Math Studies Project”, in which students formulate an hypothesis, gather data, analyze the results, organize and report the findings in a detailed report with graphics that illustrates understanding of the underlying mathematical concepts, and evaluate the statistical validity of the study. Major topics include: sets, logic, probability, statistics, functions, and trigonometry. This course includes an introduction to calculus. Students intending to complete a full year of calculus should enroll in Pre-Calculus IB (SL) their junior year.

Group 6: The Arts and Electives

ART IB (SL) (HL) – VISUAL ART*

Credit 1.0; Full year; Grades 11,12

(International Baccalaureate – Standard Level (1 yr. program), Higher Level (2 yr. program))

IB Requirements: SL & HL: 20% Comparative Study of 3 well known artworks (theoretical practice)
40% Process Portfolio in a Visual Arts Journal (art-making practice)
40% Exhibition of student artwork (curatorial practice)

Materials Fee: \$15

Preferred prior course work: SL– 2 semesters of art; HL – 3 semesters of art

Required: Art instructor’s recommendation.

Course Objectives: This course is open to accelerated students focusing on advanced practices in the visual arts. These practices are Theoretical, Art-Making, and Curatorial in nature. This program meets the IB full diploma requirement for IB Art (SL or HL). The IB Visual Art course at Flathead High School is intended for students who want to pursue IB certification or diploma. The students enrolling in Art IB explore different facets of the visual arts in an in-depth and thoughtful manner. Students will produce an extensively written Comparative Study which analyzes 3 famous art works, a Process Portfolio which exhibits investigative and visual research with reflective writing and a portfolio of original art work which will be Exhibited to the public as course requirements for both SL and HL . In addition to art production, students will study Art History, Art Criticism and Aesthetics as they relate to visual art.

***Students wishing to earn the IB higher level designation must enroll in Art IB for 2 years and register for the IB external assessment during the senior year. There is a portfolio testing fee.**

Students who are working toward an IB Theatre certificate or are completing the IB Theatre program for their IB diploma group 6 requirement MUST complete the courses in the following order.

**** or *** ACTING 2 PROCESS AND PERFORMANCE IB (SL) or (HL)**

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: Acting 1

Course Objectives: This course is open to any student who has met the prerequisite and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Students will further develop their character portrayal skills while continuing to develop the discipline required by the actor. A variety of monologue and ensemble performances, along with experiences to assist the actor in analyzing a script and experiences to assist the actor in understanding the role of the actor in the production process will be used to further instill the concept of theatre as an art. Performance in the class production is a requirement of this course. Objectives include demonstrating knowledge and competent performance of theatrical arts concepts and skills.

**** or *** ACTING 3 DIRECTING AND DESIGN IB (SL) or (HL)**

Credit .5; One semester; Grades 10, 11, 12

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisites: Acting 2

Course Objectives: This course is open to any student and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Students will learn and practice the following integrated aspects: world theatre traditions, the director’s vision for realization on the stage; the relationship between the play’s themes and the actions of the characters within the play; and the processes of bringing the play to life, including all design aspects, rehearsal techniques as well as other production elements. Performance in the class production is a requirement of this course. Objectives include demonstrating knowledge and competent performance of theatrical skills.

or * ACTING 4 ADVANCED ACTING IB (SL) or (HL)**

Credit .5; One semester; Grades 10, 11, 12

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: Acting 2

Course Objectives: This course is open to any student and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Students further develop their skills in the dramatic arts by becoming a member of a play-producing company. Student produced and directed productions are performed as a part of the FHS theatre season. Objectives include demonstrating knowledge and competent performance of theatrical arts concepts and skills.

BUSINESS AND MANAGEMENT IB (SL or HL)

Credit 1.0; Full Year; Grade 11, 12

Prerequisite: None

Course Objectives: Business and Management is a rigorous and dynamic discipline that examines business decision-making processes and how these decisions impact and affect internal and external environments. It is the study of both the ways in which individuals and groups interact in an organization and of the transformation of business resources. Business and Management is now offered as both a Standard Level (1 year) class and a Higher Level (2 year) class, and students at both levels can choose to test for potential college credit.

The Diploma Programme Business and Management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. The application of tools and techniques of analysis facilitates an appreciation of complex business activities. The course considers the diverse range of business organizations and activities and the cultural and economic context in which business operates. Emphasis is placed on strategic decision-making and the day-to-day business functions of marketing, production, human resource management and finance. Links between the topics are central to the course, and this integration promotes a holistic overview of business activity.

The course encourages the appreciation of ethical concerns and issues of corporate social responsibility in the global business environment. Topics covered are Business Organization, Human Resources and Management, Marketing, Accounts and Finance, and Operations. Students complete current events and apply their knowledge via case studies and current businesses and their operations. Trending technology is used to help present and assess student learning. The course Internal Assessment consists of partnering with a local business, in order to understand a current challenge and recommend an appropriate solution.

The HL offering is an extension of the standard level course. Students will further their learning of the 5 Business Units, taking all concepts to a more detailed level, applying more tools and theories. The HL course adds Business Strategy and the nature of the internal assessment task and exam questions. There will be more extensive assignments and projects and HL students will help facilitate learning/seminars for current SL students. HL students will have the opportunity to test at the end of their second year, with higher exam requirements and standards.

GLOBAL POLITICS IB (SL) (This course satisfies the American Government requirement)

Credit 1.0 Full Year; Grade 12

Fee: \$30 for Model United Nations Conference

Prerequisite: Placement is based on recommendations from social science instructors and counselors with reference to class performance and ability. This course is designed to meet the needs of students with above average or college capable language skills.

Course Objectives: The Global Politics IB course helps students to understand abstract political concepts by grounding them in real world examples and case studies. The course also invites comparison between such examples and case studies to ensure a transnational perspective. Developing international mindedness and an awareness of multiple perspectives is at the heart of this course. It encourages dialogue and debate, nurturing the capacity to interpret competing and contestable claims. This course can count as an elective for the IB full diploma and/or as a social science elective for graduation purposes.

INFORMATION TECHNOLOGY IN THE GLOBAL SOCIETY IB (ITGS)

Credit 1.0; Full Year; Grade 11, 12

Prerequisite: None

Course Objectives: Information Technology in a Global Society (ITGS) course is the study and evaluation of the impacts of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the access and use of digitized information at the local and global level. ITGS provides a framework for the student to make informed judgments and decisions about the use of IT within social contexts. Students will analyze and evaluate the social impact of information technology on individuals and society and consider the ethical issues raised by this impact. Issues such as reliability, integrity, privacy and anonymity, intellectual property, equality of access, control, and policies and standards will be analyzed from both local and global perspectives recognizing that that attitudes and opinions are diverse within and between different cultures. ITGS shares methods of critical investigation and analysis with other social sciences, and considers ethical questions found in the study of philosophy. Students will engage directly with the community by helping solve technical issues and will have a technology project in which they will provide a technical service for a local business in the community.

MUSIC IB (SL)

Credit: 1.0; Full year; Grade 12

Materials Fee: \$15 Those students intending to seek the IB diploma or IB certificate/s will have additional fees.

Prerequisite: Students must have completed the Harmony class or have comparable music theory background. They will also need to be involved concurrently in a music performance ensemble.

Course Objectives: This course is open to any student intending to go to college or music school and specifically meets the IB full diploma requirement for IB Music (SL). The IB music course at FHS is intended for students who want to pursue advanced musical understanding. The students enrolling in the IB music course 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, notations, historical and cultural contexts and the music element of melody, harmony, rhythm and form. Students will be asked to fulfill two of the following requirements: a.) solo performance, b.) group performance, c.) music composition. In addition, students will be doing a musical investigation of musical genres and styles paper and the IB music test.

PSYCHOLOGY IB (SL or HL)

Credit: 1.0; Full year; Grades 11, 12 Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: None

Course objectives: This course is open to any student intending to go to college and specifically meets the IB full diploma elective requirement. The course is intended for students wishing to have a deeper study of psychology than the semester psychology course offers, and is offered at both the Standard Level (1 year) and Higher Level (2 year).

Psychology is defined as the systematic study of behavior and experience. The course will focus on the role of research and the different theoretical perspectives in the field of psychology to understand the relationship between physiological processes and human experience and to study this complex relationship. To ensure a holistic viewpoint, each perspective will be explored using four compulsory topics: development and cultural contexts, frameworks, methodologies, and application. Areas of study will include the compulsory perspectives: biological, cognitive and socio-cultural, the application option, health or abnormal psychology, and ethical research design and methodology. This course fulfills one credit towards the Civics Distinction.

The HL course builds upon knowledge and skills gained in the first year SL course. This second year allows students to further their understanding of psychology by examining the role of qualitative, as well as quantitative research, in addition to extending study of the three perspectives introduced in year one. HL students will also study one additional area in the application options and have the opportunity to explore areas of individual interest.

****To earn the IB designation on higher level courses, students must register and take the IB external assessment during their senior year.***

**** or *** THEATRE AS LITERATURE IB (SL) or (HL):** Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: This course is open to any student and specifically meets the IB full diploma requirement for IB Theatre Arts (SL or HL). Drama written by major playwrights from a variety of countries, time periods and theatrical movements will be the literature studied in this course. Objectives include demonstrating knowledge and competent performance in reading and responding to literature.

*To earn the IB designation on higher level courses, students must register and take the IB external assessment during their senior year.

Core: Theory of Knowledge

THEORY OF KNOWLEDGE 1 IB

Credit: .5; One Semester; Grades 11, 12

IB diploma candidates must take this course during the second semester of their junior year. Other students may take this course either their junior or senior year.

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: None

Course objectives: The Theory of Knowledge (TOK) class is a seminar in which students have the opportunity to sharpen their critical thinking skills by reflecting on not only what they know, but also how they know. Students will develop skills which allow them to reason critically and communicate clearly both orally and in writing; to connect various

ways of knowing, different areas of knowledge, and personal experiences; and to demonstrate an understanding of the ways in which knowledge is affected by judgments, beliefs and personal views. Students will discuss real world issues as a means of exploring the nature of knowledge in the various disciplines, the various ways of knowing, and the problems of knowledge. Essential to success in the class is curiosity and a willingness to be actively involved in seminar discussions.

THEORY OF KNOWLEDGE 2 IB

Credit: .5; One Semester; Grades 11, 12

IB diploma candidates must take this course during the first semester of their senior year. Other students may take this course either their junior or senior year.

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: ToK 1 is recommended for all students but required only for IB diploma candidates and IB TOK certificate candidates.

Course objectives: ToK 2 continues the curriculum of ToK 1, beginning with a review of the ways of knowing and the nature of knowledge, with a focus on the strengths and limitations of knowledge in each area of knowledge. The course will culminate with a formal oral presentation and a formal paper. Essential to success in the class is curiosity and a willingness to be actively involved in seminar discussions.

INTERNATIONAL LANGUAGES

The International Language Department welcomes all FHS students to explore world cultures through language studies. All students are welcome and will benefit from the study of languages. Language study opens the door to new cultural experiences. Students will study the five C's: Communication, Culture, Connections with other subject areas, Comparison of their own language and culture with the new language, and Connections between the new language, their community and the world. While language study is not a requirement for graduation from FHS, many colleges and universities recommend 2 or more years of language study. Starting in 2014, the University of Montana is adding 2 years of a foreign language to their preferred core curriculum.

In order to provide increased support of the International Baccalaureate Programme, Ab Initio French and Spanish classes are now offered. The Ab Initio is designed to provide a path to the full IB diploma ONLY for students who have transferred in to Flathead High School or who, for some other reason, have not had access to four full years of language study. Ab Initio must be approved by the department and the IB Coordinator and may require extra work.

Students who have an interest in a full IB Diploma, IB certificate, or International Language Distinction must have four (4) years of a language starting as freshmen. We, therefore, recommend that they write in the other language offered when listing alternate classes to insure a Foreign Language class their Freshman year. The International Language Distinction is for students not pursuing a full IB Diploma and will be in addition to their Junior and Senior year coursework.

“Those who know nothing of foreign languages know nothing of their own.”

~Johann Wolfgang von Goethe

COURSE DESCRIPTIONS

LEVEL 1 FRENCH, SPANISH

Credit 1.0; Full year, Grade 9, 10, 11, 12

Prerequisite: none

Fee: none

Course Objective: Level 1 language study introduces students to basic expressions needed to function in everyday situations. Students will participate in oral activities as well as written activities as they explore the new language.

LEVEL 2 FRENCH IB/Ab Initio, (Standard Level) OR SPANISH IB/Ab Initio, (Standard Level)

Credit: 1.0 Full Year, grade 10, 11, 12

Prerequisite: Successful completion of level 1 and teacher recommendation. Students who wish to take the class for Ab Initio credit must have permission from the IB coordinator and the Ab Initio instructor.

Fee: Only for those taking the Ab Initio test

Course Objective: Level 2 studies of French and Spanish build on and increase the vocabulary and grammar skills from level 1. Oral and written skills are developed through cultural studies.

LEVEL 3 FRENCH IB/Ab Initio, (Standard Level) or LEVEL 3 SPANISH IB/Ab Initio, (Standard Level)

Credit: 1.0 Full year, grade 10, 11, 12

Prerequisite: Successful completion of level 2 and/or teacher recommendation. Students who wish to take the class for Ab Initio credit must have permission from the IB coordinator and the Ab Initio instructor.

LEVEL 4 FRENCH / IB FRENCH, (Standard Level)

Credit: 1.0 Full year, grade 11, 12

Prerequisite: Successful completion of French 3 and teacher permission.

Fee: Only those students intending to sit for the IB test will have fees.

Course Objectives: Students develop their proficiency in interactions with other speakers of French, understanding oral and written message in French, and making oral and written presentations in French. Students exchange and support opinions on a variety of topics related to contemporary events and issues. IB students who are sitting for the IB test will have specific test practice. ****Students enrolled in this class will have a summer assignment in preparation for Level 4.***

LEVEL 4 SPANISH / IB SPANISH, (Standard Level)

Credit: 1.0 Full year, grade 11, 12

Prerequisite: Successful completion of Spanish 3 and teacher permission.

Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Course Objective: Students develop their proficiency in interactions with other Spanish speakers, understanding oral and written messages in Spanish, and making oral and written presentations in Spanish. Students exchange and support opinions on a variety of topics related to contemporary events and issues. IB students who are sitting for the IB test will have specific test practice. ****Students enrolled in this class will have a summer assignment in preparation for Level 4.***

MATHEMATICS

GENERAL GUIDELINES

Due to the sequential and cumulative nature of mathematics and the desire for students to be successful, students are placed in a math course based on the recommendation of their previous teacher and/or based on an evaluation by the Flathead High School Math Department. Also, crucial to student success is a regular attendance and completion of all activities and assignments.

CURRICULUM RECOMMENDATIONS

- All FHS graduates should complete Algebra 1.
- Highly motivated students are urged to pursue a mathematics program so that they might take advantage of our most accelerated curriculum, which culminates in Calculus IB (SL). This curriculum will prepare the student for advanced placement testing, prior to college entrance.
- Students must have the Algebra 1 math teacher's recommendation to take Geometry and Algebra II in the same year.
- Students may choose to take Pre-Calculus IB and Statistics simultaneously.
- Regardless of the mathematics curriculum followed, all students are recommended to participate in a mathematics class during their senior year of high school.

COURSE DESCRIPTIONS

ALGEBRA 1

Credit 1.0; Full year; Grades 9, 10, 11, 12

Prerequisite: None

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: Algebra 1 is an introductory course focusing on algebraic concepts/skills and their applications to real life situations. These topics are typically studied in a ninth grade mathematics class. Major topics covered are linear equations, linear inequalities, ratios, geometric concepts, statistics, probability, exponents and polynomials, factoring polynomials, quadratic functions and equations. Students will be introduced to technology consisting of the TI-84 graphing calculator and computer software. This course is mandatory for all 4-year colleges. This is a college prep class.

ALGEBRA 2

Credit 1.0; Full year; Grades 10, 11, 12

Prerequisite: Algebra 1 and Geometry

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: Algebra 2 objectives are to study transformations of functions and to study, model, and apply, quadratic, polynomial, exponential, logarithmic, exponential, rational and radical, along with probability/statistics and sequences/series. This course is mandatory for all 4-year colleges. This is a college prep class.

APPLIED GEOMETRY

Credit 1.0; Full year; Grades 10, 11, 12

Prerequisite: Algebra 1 with teacher recommendation required

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: This course focuses on the key concepts that provide a strong foundation in the essentials of geometry. Algebra skills and introductory statistics will be integrated. The emphasis is on practicing and maintaining skills, providing technical applications of geometry, applying concepts to real-world problems, and providing time to explore each concept thoroughly. This course slows the pace and narrows the focus of topics as compared to regular geometry.

CALCULUS IB (SL) Credit: 1.0; Full year; Grade 12

Equipment: Graphing calculator strongly recommended

Prerequisite: Pre-Calculus IB (SL) or Math Studies IB (SL) with a minimum grade of "C" semester 2

Course Objectives: This course is open to any student choosing to take calculus and specifically meets the IB full diploma mathematics SL requirement in the two year pre-calc/calculus sequence. This course covers differential and integral calculus and vectors.

CONSUMER MATHEMATICS

Credit 1.0; Full year; Grade 12

Prerequisite: None

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: This course will study all aspects of consumerism through mathematical methods. Taxes, food and housing costs, investments, insurance, and transportation are a few of the concepts to be discussed. This course is enriched by guest speakers who bring the real world to the classroom.

GEOMETRY

Credit 1.0; Full year; Grades 9, 10, 11, 12

Prerequisite: Completion of Algebra 1

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: Geometry is a study of geometric concepts using the math of Algebra 1. Technology (graphing calculators and software programs) will be used to explore and demonstrate geometric concepts when appropriate. Some major topics covered are basic geometric concepts, reasoning and proofs, angles and parallel lines, triangles, quadrilaterals, circles, congruency and similarity, transformations, area, surface area and volume. This is the typical geometry course for students on a college bound track.

INTERMEDIATE ALGEBRA

Credit 1.0; Full year; Grades 11, 12

Prerequisite: Applied Geometry or Geometry with teacher recommendation signature required

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: This course focuses on the key concepts that provide a strong foundation in the essentials of Algebra 2. Statistics and relevant Geometry skills will be integrated. The emphasis is on practicing and maintaining skills, providing concrete applications of algebra 2 concepts, applying concepts to real-world problems, and providing time to explore each concept thoroughly. This course would typically be followed with Algebra 2.

****NOTE:** Intermediate Algebra does NOT meet the Minimum Core requirements for admission to a 4-year college of the Montana University System.

LINEAR MATH AND PROBABILITY (FVCC Math 115M)

Credit: .5; Semester; Grades 11, 12

Concurrent Enrollment in Math 115M at FVCC for 3 college credits is required.

(See Concurrent Enrollment section in registration handbook for requirements and description)

Fees: Students must complete the admissions process at FVCC and pay the applicable fees to FVCC.

Prerequisite: Algebra 2

Course Objectives: This is a college course offered at FHS which covers systems of linear equations and matrix algebra as well as an introduction to probability with an emphasis on models and probabilistic reasoning. Examples of applications will be demonstrated from a wide variety of fields.

MATH STUDIES IB (SL)

Credit: 1.0; Full year; Grades 11, 12

Equipment: Graphing calculator strongly recommended

Prerequisite: Algebra 2 with a minimum grade of "C" semester 2

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB full diploma mathematics requirement in one year. This course covers a broad spectrum of pre-calculus topics, with an emphasis upon practical application of advanced mathematical concepts. The distinguishing feature of this course is the "Math Studies Project", in which students formulate a hypothesis, gather data, analyze the results, organize and report the findings in a detailed report with graphics that illustrates understanding of the underlying mathematical concepts, and evaluate the statistical validity of the study. Major topics include: sets, logic, probability, statistics, functions, and trigonometry. This course includes an introduction to calculus. Students intending to complete a full year of calculus should enroll in **Pre-Calculus IB (SL)** their junior year.

PRE ALGEBRA

Credit 1.0; Full year; Grade 9

Prerequisite: Teacher recommendation required

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: Pre Algebra is designed to increase student confidence and develop a better understanding of mathematics. It is a course of study for students who have previously encountered difficulty in grasping mathematical concepts presented in a standard 8th grade course. The course will review basic mathematical skills focusing on real life and practical applications and will study pre-algebra topics including: signed numbers, variables, equations, and graphing. Real life examples, explorations and technology will be used to achieve a better understanding of the individual math concepts. Emphasis will be placed on improving the student's problem-solving, reasoning, and communication skills. In addition, students will continue to develop a sound working knowledge of basic number skills.

PRE-CALCULUS IB (SL)

Credit: 1.0; Full year; Grade 11 or 12th graders who do not intend to sit for IB exams

Equipment: Graphing calculator strongly recommended

Prerequisite: Algebra 2 with a minimum grade of "C" semester 2

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB full diploma mathematics requirement after completion of **Calculus IB (SL)** during the senior year. This course covers traditional pre-calculus topics, with an emphasis upon functions (polynomial, rational, logarithmic, circular, trigonometric, exponential) as well as probability and statistics leading to a full year of calculus.

STATISTICS

Credit .5; One semester; Grades 11, 12

Prerequisite: Semester one of Algebra 2

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: This course is very application oriented. Topics included are: how to describe data with graphs and numerical summaries, applications of the normal curve, linear and non-linear regression, drawing conclusions from samples and surveys using margin of error and significance testing, and analyzing data to see if what's observed closely matches what was expected. Students will master the use of the TI-84 calculator. A strong emphasis is placed on using data from the media, industry sources, and student surveys.

TRANSITION TO ALGEBRA

Credit 1.0; Full year; Grade 10

Prerequisite: Pre Algebra

Fee: \$5 calculator use fee (unless student provides his/her own calculator)

Recommended: TI84/84+ Graphing Calculator

Course Objectives: This course is designed to increase student confidence and develop a better understanding of mathematics. It is a course of study for students who have previously encountered difficulty in grasping mathematical concepts. Students will review and build upon skills previously learned in the topic areas of signed numbers, variables, and equations. Further topics studied will be inequalities, statistics, linear graphs, geometry, ratio/proportion and probability. Real life examples, explorations and technology will be used to achieve a better understanding of the individual math concepts. Emphasis will be placed on improving the student's problem-solving, reasoning, and communication skills. In addition, students will continue to develop a sound working knowledge of basic number skills. Upon successful completion of this course the self-motivated student with a good work ethic will have the required background knowledge for enrolling in Algebra 1.

MUSIC

Complete beginners to advanced performing artists all find a welcome place in the Flathead music program. With several levels of guitar, choir, band and orchestra offered, there is a class that will provide just the right level of training, encouragement and performance opportunity for you. Flathead music classes are the perfect place for those who are eager to improve their musical abilities, connect with others, serve the community in a meaningful way, and creatively express themselves in a highly acclaimed and long established program.

Music is an openhearted, risk-taking, bonding experience – nobody can remain passive for long when surrounded by fellow student musicians who challenge and support each other to create moments of beauty – moments that change their lives and that amaze and move their audiences.

We welcome students of all ability and grade levels. Auditions or instructor approval are required for placement in some classes. Music classes are designed for students to work their way into increasingly advanced music making. Factors considered in auditions are a student's training and experience, the quality of their singing or playing, the ability to read music, and their rehearsal and performance skills.

Come be a part of Flathead High's outstanding music department!

COURSE DESCRIPTIONS

CHOIR

CONCERT CHOIR

Credit: 1.0; Full year; Men and Women grades 10-12

Prerequisites: Audition with instructor

Course Objectives: Concert Choir, the premier mixed choir at FHS, is open to 10th, 11th, and 12th grade men and women by audition. This choir strives for the highest levels of artistic achievement in choral music. Students in this performance-based class will prepare a wide variety of challenging repertoire, both accompanied and a cappella, to be presented at concerts throughout the year. Attendance at all performances is mandatory. Through their preparation of choral music for performance, students will continue their study of vocal technique, sight-reading, theory, and choral musicianship. This ensemble holds a fall retreat every year, participates in one or more festivals, and tours in the spring. Please see the instructor for more details or to set up an audition time.

CHORAL-AIRES (11-12)

Credit: 1.0; Full year; Men and Women grades 11-12

Prerequisites: Audition with instructor and concurrent enrollment in Concert Choir

Course Objectives: This small ensemble of 16-20 voices focuses on chamber music, vocal jazz, and other style suited for small vocal groups. Admission to this class is by audition only and is limited by the number of openings each year. Members of this choir must also be enrolled in the Concert Choir. This ensemble performs frequently out in the community. All performances are mandatory. Please see the instructor for more details or to set up an audition time. (Note: Full IB students may petition to take Choral-Aires without enrolling in Concert Choir; such petitions will be considered on a case-by-case basis and addressed collaboratively by the music department and administration).

DORIAN CHOIR

Credit: 1.0; Full year; Women grades 9-12

Prerequisites: None

Course Objectives: This choir is open to any female student interested in vocal music. No previous experience is required. Students in these performance-based classes will prepare a wide variety of repertoire to be presented at concerts throughout the year. Attendance at all performances is mandatory. Music studied throughout the year will be drawn from different historical time periods and represent a variety of languages and cultures. Through their preparation of choral music for performance, students will learn the basics of vocal technique, sight-reading, theory, and choral musicianship.

VARSITY MEN'S CHOIR

Credit: 1.0; Full year; Men grades 9-12

Prerequisites: None

Course Objectives: This choir is open to any male student interested in vocal music. No previous experience is required. Students in these performance-based classes will prepare a wide variety of repertoire to be presented at concerts throughout the year. Attendance at all performances is mandatory. Music studied throughout the year will be drawn from different historical time periods, represent a variety of languages and cultures, and will include both music specifically designed for the male voice as well as music for men and women together. Through their preparation of choral music for performance, students will learn the basics of vocal technique, sight-reading, theory, and choral musicianship.

VARSITY WOMEN'S CHOIR

Credit: 1.0; Full year; Women grades 10-12

Prerequisites: Audition with instructor

Course Objectives: This course is open to 10th, 11th, or 12th grade girls by audition. Students in this performance-based class will prepare a wide variety of repertoire to be presented at concerts throughout the year. Attendance at all performances is mandatory. Music studied throughout the year will be drawn from different historical time periods, represent a variety of languages and cultures, and will include both music specifically designed for the female voice as well as music for men and women together. Through their preparation of choral music for performance, students will continue their study of vocal technique, sight-reading, theory and choral musicianship. Please see the instructor for more details or to set up an audition time.

BAND

BRAVES BAND

Credit 1.0; Full year; Grade 9, 10, 11, 12

Prerequisite: Prior participation in band, desire to learn/relearn a band instrument, &/or consent of the instructor.

Course Objectives: This band focuses on developing performance skills, proper playing technique, instrument care/maintenance, and music fundamentals, nomenclature, & theory. All performances throughout the year are mandatory (i.e. marching band performances*, concerts, concert band festivals, and District 1 Music Festival, etc.).

CONCERT BAND

Credit 1.0; Full year; Grades 9, 10, 11, 12 (9th grade students may enroll after a successful audition and consent of the instructor)

Prerequisite: Prior participation in band or written consent of the instructor.

Course Objectives: This band is for students who are continuing to develop their musical and instrumental abilities. All performances throughout the year are mandatory (i.e. marching band performances*, concerts, concert band festivals, and District 1 Music Festival, etc.).

PERCUSSION

Credit 1.0; Full year; Grades 9-12

Prerequisites: Prior participation in band, desire to learn/relearn percussion instruments, &/or consent of the instructor.

Course Objectives: This course is for percussion students and students without prior experience (beginners). Class sessions will cover learning/honing stick and mallet technique; the 40 PAS rudiments; learning all major & relative minor scales and modes; and other fundamental percussion techniques. Students will rehearse marching band music and cadences (drumline & side ensemble); percussion parts for performance with the Braves Band, Concert Bands, and Symphonic Band; percussion ensemble music; and pep band music. All performances throughout the year are mandatory (i.e. marching band performances*, concerts, concert band festivals, and District 1 Music Festival, etc.).

SYMPHONIC BAND

Credit 1.0; Full year; Grades 10, 11, 12

Prerequisite: Students may enroll after a successful audition and consent of the instructor. Students at this level must exhibit exceptional maturity and ability on their instrument.

Course Objectives: This band is a performance-oriented organization presenting the very best in traditional and contemporary band literature. All performances throughout the year are mandatory (i.e. marching band performances*, concerts, concert band festivals, and District 1 Music Festival, etc.).

GUITAR

GUITAR 1

Credit .5; One semester; Grades 9, 10, 11, 12

Equipment: Acoustic guitars are provided for students

Prerequisite: None

Course Objectives: Guitar 1 is designed to teach beginning guitar students with very little or no musical experience or knowledge. By learning a special kind of guitar notation, you will be performing melodies on the first day and will soon be able to play dozens of popular, country and gospel songs. You will be introduced to 36 of the most well-known guitar songs that you can use for personal enjoyment, social, family or church gathering. Learn to read music to accompany singing, improvise, strengthen concentration, and improve agility in your hands. If you are interested in continuity, it is advised to sign up for guitar 1 and guitar 2 in the same year. Students may rent a school instrument for \$15 per semester, or they can provide their own guitars.

GUITAR 2

Credit .5; One semester; Grades 10, 11, 12

Equipment: Acoustic guitars are provided for students

Prerequisite: Guitar 1 or instructor's recommendation

Course Objectives: : Guitar 2 builds on the skills learned in beginning guitar, and adds the element of artistic expression through improvisation, accompaniment techniques, guitar solos, and guitar ensembles. Music reading will progress to include more key signatures, higher positions on the fingerboard, and syncopated rhythms. Students will learn intervals, triads and chords with color tones. Students may rent a school instrument for \$15 per semester, or they can provide their own guitars.

GUITAR 3

Credit 1.0; Full year; Grades 11, 12

Equipment: Acoustic guitars are provided for students

Prerequisite: Guitar 1 and 2 or instructor's recommendation

Course Objectives: Guitar 3 requires proficiency on the skills learned in semesters one and two. The emphasis will be on performing high quality ensemble pieces, and also on developing a personal repertoire of fingerstyle and classical solo guitar pieces. Student creativity and personal interests will be supported. Advanced guitar may be repeated for multiple years. Students may rent a school instrument for \$15 per semester, or they can provide their own guitars.

ORCHESTRA

CHAMBER ORCHESTRA

Credit: 1.0 Full Year Grades 10,11,12

Prerequisite: Students must audition

Course Objectives: This select orchestra consists of advanced string students. Chamber Orchestra is the primary performing group of the orchestra department.

This orchestra performs music from diverse periods, styles and genres in numerous concerts throughout the year. This orchestra also focuses on chamber music at different times of the year. The Chamber Orchestra students will travel to perform festivals with other orchestras throughout the state, perform at the MHS District Music festival, and will have an opportunity to tour with the group. Members are eligible to perform solos or ensembles for District and State Music Festival, as well as also being eligible to audition for All State and All Northwest Orchestras. Students with questions should contact the instructor.

CONCERT ORCHESTRA

Credit 1.0; Full year; Grades 9, 10, 11

Prerequisite: Students must have some previous orchestra experience or 3 years of private lessons.

Course Objectives: The Concert Orchestra is for students who have orchestral experience but need to hone both technical and leadership skills to achieve an advanced level. Students enrolling in Concert Orchestra will spend class time developing their musical foundation which includes, but is not limited to, performance skills, music history and music theory. Performances will occur throughout the year and will include evening concerts and music festivals. Students enrolled in Concert Orchestra will have the opportunity to perform solos and ensembles at District Music Festival, as well as being eligible to audition for All- State and All- Northwest Orchestras. Students with questions should contact the instructor.

ADDITIONAL MUSIC OFFERINGS

HISTORY OF ROCK N' ROLL

Credit 0.5; Semester; Grades 9, 10, 11, 12

Prerequisite: None

Course objectives: This course is a study of the historical development of Rock 'n Roll music. Through listening, reading and demonstration, students will expand their knowledge of cultural and social history, the evolution of music technology, music listening skills, lyric content and song writing, basic guitar, bass, and drum skills, music vocabulary, and music evaluation and criticism. The historical periods will cover the roots of rock through the 50s and up to current pop music.

MUSIC IB (SL)

Credit: 1.0; Full year; Grade 12

Materials Fee: \$15 Students intending to seek the IB diploma or certificate(s) will have additional fees.

Prerequisite: Students must have completed the Harmony class or have comparable music theory background. They will also need to be involved concurrently in a music performance ensemble.

Course Objectives: This course is open to any student intending to go to college or music school and specifically meets the IB full diploma requirement for IB Music (SL). The IB music course at FHS is intended for students who want to pursue advanced musical understanding. The students enrolling in the IB music course 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, notations, historical and cultural contexts and the music element of melody, harmony, rhythm and form. Students will be asked to fulfill one of the following requirements: a.) solo performance, b.) group performance, c.) music composition. In addition, students will be doing a musical investigation of musical genres and styles paper and the IB music test.

MUSIC THEORY AND HARMONY

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: Concurrently enrolled in Band, Choir, Orchestra, Guitar 2, Guitar 3, or consent of instructor

Course Objectives: This class is an introduction to western music theory and composition. Students will develop skills in music literacy, ear training, and basic compositional techniques. This class is required for students planning to take IB Music and highly recommended for any student planning to study music in college.

SCIENCE

GENERAL GUIDELINES

To graduate, a student must pass two years of laboratory science. Students are required to be enrolled in science during their freshman and sophomore years. Although only two years of science are required, all students are encouraged to take more than two years of science in order to meet all of the science standards set forth by the state of Montana. College bound students should consult the admission requirements of their prospective colleges as many require or strongly recommend at least three years of science. All science courses require a signature by a **science teacher** before registration.

Students taking two years of science:

Grade 9 Biology

Grade 10 Earth Science, Earth Science Basic, Biology, Chemistry, Semester Chemistry, Semester Physics

Students taking three or more years of science:

Grade 9 Biology

Grade 10 Earth Science, Biology, Chemistry, Semester Chemistry, Semester Physics

Grade 11 and 12 Full year offerings – Earth Science, Biology, Chemistry, Organic Chemistry, Biology 1 IB, Biology 2 IB, Physics 1 IB, Physics 2 IB, Environmental Systems and Society 1 IB, Environmental Systems and Society 2 IB, Sports Medicine, Advanced Problems in Science

Semester offerings – Semester Chemistry, Semester Physics, Forensics, Wildlife Biology, Introduction to Geographic Information Systems

Note: Many 11th and 12th grade courses have prerequisites, so please refer to the course descriptions.

COURSE DESCRIPTIONS

ADVANCED PROBLEMS IN SCIENCE (APS)

Credit 1.0; Full year; Grade 11 or 12

Prerequisites: Completion of 2 years of lab science including earning a C or higher in Biology and/or Chemistry

Course Objective: In this unique course, students have the opportunity to pursue in-depth, independent research in an area of special scientific interest of their choosing. Students will learn how to work effectively in a professional setting with community mentors, design and implement an original research project, communicate their findings in a variety of formats, participate in the professional peer review process through competitions and submission to research publications, and apply their results to solve real world problems. This course is especially suited for students who are independent learners with strong project management skills.

BIOLOGY

Credit: 1.0; Full year; Grade 9, 10, 11, or 12.

Course Objective: Biology is the “study of living organisms”. This course is designed to meet the minimum state and national requirements for Biology. In accordance with standards, main areas of study will include: historical developments/contributions, chemistry of life, cells, DNA, genetics & heredity, energy use in photosynthesis & cellular respiration, classification, ecology, evolution, and human systems. Biology also emphasizes lab skills, experimental design, and data analysis. As an introductory course in biology, students are prepared for college and international baccalaureate courses. Students will be introduced to various moral and environmental issues being brought to the fore by research in bioengineering and other areas of biological research. They will be provided with tools to make educated decisions regarding these new technologies and developments. Methods of study will be diversified and include labs, mini-labs, research, writing, projects, video support and possibly fieldwork to keep students actively learning. You supply the enthusiasm and good work ethic and we will be off and running!

BIOLOGY 1 IB (HL first year)

Credit: 1.0; Full year; Grade 11 or 12

Note: *This is the first year of a two-year IB Biology sequence. Students are welcome to take this course without continuing to the second year if they are interested in an advanced biology class and are not seeking an IB certificate.*

Prerequisite: Successful completion of two years of laboratory science including earning a "C" or higher in Biology. It is recommended, but not required, to have successful completion of Chemistry.

Course Objective: This course is open to any student meeting the prerequisites and specifically meets the IB full diploma science requirement. The IB biology curriculum is designed to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing and expanding science of biology in the modern world. The successful student will develop his or her experimental and investigative skills. This is a rigorous, in depth, two-year biology sequence; designed to be taken the junior and senior years, however students may complete year one only during junior or senior year. Biology 1 IB will cover cell biology, physiology, ecology and plant science. In addition, a required group project will be completed with another IB science class and a field trip will be taken out of state to complete required ecology lab hours.

BIOLOGY 2 IB (HL second year)

Credit 1.0; Full year; Grade 12

Prerequisite: Successful Completion of Biology IB 1 (HL)

Course Objective: This course is open to any student meeting the prerequisites and specifically meets the IB full diploma science requirement. The Biology IB curriculum is designed to provide students with a conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing and expanding science of biology in the modern world. The successful student will develop his or her experimental and investigative skills. This rigorous, in depth, two-year biology sequence is designed to be taken the junior and senior years. Biology 2 IB will cover statistics, the chemistry of life, genetics and evolution. To earn the IB designation on higher level courses, students must take the IB external assessments. See fee schedule and the details included in the IB portion of this handbook.

CHEMISTRY SEMESTER

Credit .5; One semester; Grades 10, 11, or 12

Prerequisite: None

Course Objective: The semester Chemistry is an overview of the topics described in the Chemistry course as well as an introduction to laboratory design and execution. This course will emphasize conceptual understanding and an appreciation for chemistry. It will include topics such as understanding the universe, the periodic table, atomic theory, bonding and measurement.

CHEMISTRY YEAR

Credit 1.0; Full year; Grades 10, 11, or 12

Prerequisites: Completion of Algebra 1 with a "C" or higher.

Course Objective: The goals of this chemistry course are to develop problem solving skills for everyday life and to understand the chemical interactions related to our world. This course is highly recommended for any student who wishes to continue beyond two years of science. Chemistry is the study of electrons and their interactions as they relate to matter. The course is a study of many topics, including measurement, atomic structure, bonding, reactions, stoichiometry, gas laws, thermodynamics, kinetics, equilibrium, acids and bases. Theory and practicality will be interwoven to engage students in predicting, designing, experimenting and describing the chemical interactions of everyday life. Mathematical relationships are emphasized, as well as the explanations of observed phenomena in terms of modern scientific theory. This course is recommended as an IB prep science course.

EARTH SCIENCE BASIC

Credit 1.0; Full year; Grades 10, 11 or 12

Prerequisite: Placement is based on recommendations from instructors and counselors with reference to assessment data.

The course is designed to meet the needs of students with learning disabilities, and/or novice reading abilities. **Students enrolled in basic earth science must also qualify for and be enrolled in the Reading Intervention program.**

Course Objective: This course is similar to Standard Earth Science, but is designed to meet the needs of students who are at least two grade levels behind in reading.

EARTH SCIENCE

Credit 1.0; Full year; Grades 10,11 or 12

Prerequisite: None

Course Objective: Earth Science is a lab-based course that explores the systems of the universe and the solid earth. Students will make connections involving human interactions with our earth systems and the environment. Main areas of study include chemistry, classification, earth history, geology, meteorology, astronomy, oceanography, fresh water, glaciers, and internal/surface processes of change. Investigations will promote the development of lab skill techniques, problem solving, and experimental design to give students the opportunity to discover how their dynamic earth affects their lives. Local earth science topics will be incorporated into the curriculum wherever possible. As an introductory course, earth science is designed to meet and exceed the minimum state and national requirements.

EARTH SCIENCE HONORS

Credit 1.0; Full year; Grades 10,11 or 12

Prerequisite: Completion of Biology with a “C” or higher

Course Objective: Honors Earth Science is a lab-based course that explores the systems of the universe and the solid earth. Students will make connections involving human interactions with our earth systems and the environment. Main areas of study will include the same topics as standard earth science but at a deeper level and a faster pace. Topics will include chemistry, classification, earth history, geology, meteorology, astronomy, oceanography, fresh water, glaciers, and internal/surface processes of change. Investigations will promote the development of lab skill techniques, problem solving, and experimental design to give students the opportunity to discover how their dynamic earth affects their lives. Local earth science topics will be incorporated into the curriculum wherever possible. Honors earth science is designed to exceed the minimum state and national requirements.

ENVIRONMENTAL SYSTEMS and SOCIETIES 1 IB (SL First Year)

This course is the PREREQUISITE for the ENVIRONMENTAL SYSTEMS and SOCIETIES 2 IB (SL)

Credit 1.0; Full year; Grades 11 or 12

Note: This is year one of the two year IB Environmental Systems and Societies sequence designed for IB diploma and IB certificate candidates. However, students are welcome to take this course without going on to the second year if they are interested in only one year of an environmental science course.
Prerequisite(s): Completion of two years of lab science including earning a C or higher in Biology.

Course Objective: The intent of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that is scientific and enables the adoption of an informed personal response to the wide range of environmental issues societies around the world face. This course emphasizes the scientific method, field studies, analysis of quantitative data, and strong lab design skills. Topics to be covered are systems and models, ecosystems and ecology, biodiversity and conservation, and atmospheric systems and pollution. Students will be participating in field trips to Glacier National Park, the Flathead River, and either Newport Oregon, or Moab, Utah. Further class details can be found online at www.mscores.com

ENVIRONMENTAL SYSTEMS and SOCIETIES 2 IB (SL Second Year)

Credit 1.0; Full year; Grade 12

Note: This is the second year of the two year Environmental Systems and Societies IB sequence designed for IB diploma and IB certificate candidates.

Prerequisite: Successful completion of Environmental Systems and Societies 1IB.

Course Objective: The intent of this course is to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that is scientific and enables the adoption of an informed personal response to the wide range of environmental issues societies around the world face. This course emphasizes the value of empirical, quantitative, and objective data in describing and analyzing environmental systems. This course also provides students with the experiences and skills necessary to quantitatively examine the environment. Field research is a REQUIRED portion of the curriculum. Topics to be covered are water and aquatic food production systems, soil systems, food production/agriculture, human systems and resource use, energy resources, natural capital, and climate change. Students will be participating in field trips to Glacier National Park, the VoAg Center, and either Newport, Oregon or Moab, Utah to complete ecological field studies. Further class details can be found online at www.mscores.com.

FORENSICS

Credit .5; One semester; Grades 11 or 12

Prerequisite: Successful completion of two years of lab science, including Biology. This course cannot be used to meet the two year laboratory science requirement.

Course Objective: Forensic science is the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. In this course, students will employ the disciplines of chemistry, physics, biology and psychology into the understanding of how forensic science is used in the analysis of the many types of evidence that may be recovered during a crime investigation. Typical areas of study include: Hair analysis, Fingerprint Analysis, DNA fingerprinting, Psychological Profiling, Conventional Serology, Blood Spatter Analysis and Toxicology. The scientific method will be emphasized throughout the course.

INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Credit 0.5; Semester; Grade 11 or 12

Prerequisites: Successful completion of 2 years of lab science

Course Objective: In this course, students will be introduced to the fundamentals of geographic information systems (GIS), use a wide variety of geospatial data to answer ecological and biological questions, gain practical experience through the creation of maps using ArcGIS software, and learn how to effectively collect their own data with GPS units and related apps. As a final project, students will develop their own research project, collect data sets, map their results with ArcGIS, analyze the relationships observed, and publish/print a formal poster. GIS skills are used in a wide variety of disciplines. If you are interested in pursuing a career in agriculture, ecology, environmental systems, informational technology, natural resources, or wildlife biology, this class provides skills that are in high demand.

ORGANIC CHEMISTRY

Credit 1.0; Full year; Grades 11 or 12

Prerequisite: Successful completion of two years of laboratory science including earning a "C" or higher in semester Chemistry or yearlong Chemistry. This course cannot be used to meet the two year laboratory science requirement.

Course Objective: The course is for students who have a need or desire to acquire a knowledge of elementary organic chemistry and whose interests are in agriculture, forestry, engineering, home economics, nursing, dentistry, pharmacy, veterinary, human medicine, criminology and forensic science. This course is designed to prepare students for college Organic Chemistry. Students will learn the laboratory techniques used in Organic Chemistry research. They will also do analysis, syntheses, and research investigation using both instrumental analysis such as nuclear magnetic resonance, infrared spectrometry, and wet chemistry. Students will gain a strong understanding of the names, properties, reactions and synthesis of the functional groups such as alkanes, alkenes, aromatics, alcohols, and ethers.

PHYSICS SEMESTER

Credit .5; One semester; Grades 10,11 or 12

Prerequisite: None

Course Objective: This semester physics class is intended to give a brief survey of the world around us from the physical standpoint. The semester physics class is an overview of the topics described in the yearlong physics class. This class will emphasize conceptual understanding and an appreciation for physical science.

PHYSICS 1 IB (SL First Year)

Credit 1.0; Full Year; Grades 11 or 12

Note: This is year one of the two year IB Physics sequence designed for IB diploma and IB certificate candidates. However, students are welcome to take this course without going on to the second year if they are interested in only one year of a challenging physics class.

Prerequisites: Successful completion of two years of lab science and completion of Algebra 2 with a "C" or better or currently enrolled in Algebra 2.

Course Objectives: This course is designed to meet the needs of college bound students and will fulfill the IB full diploma science requirement. It is a course designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with diverse physics topics and their applications in the dynamic, modern world. Topics studied include measurements and uncertainties, mechanics, thermal physics, waves, circular motion and gravitation, and energy production. Laboratory work is emphasized and requires structured labs, research papers and experimental projects. Instruction is student-centered with cooperative learning as well as teacher direction, thus offering the student a college-level physics experience. Only those students choosing to enroll in both years of IB Physics, will sit for the standard level exam, offered in the spring of the second year. An interdisciplinary group project helps students realize that all scientific disciplines share the common goal of understanding how the world works, and that scientists can work together on problems to discover solutions to a common goal. Students entering the program may be given a summer assignment, which will review basic mathematical skills and introduce concepts of analytical reasoning.

PHYSICS 2 IB (SL Second Year)

Credit 1.0; Full Year; Grade 12

Note: *This is year two of the two year Physics IB sequence designed for IB diploma and IB certificate candidates.*

Prerequisites: Successful completion of Physics 1 IB.

Course Objectives: This course is designed to meet the needs of college bound students and will fulfill the IB full diploma science requirement. It is a course designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with diverse physics topics and their modern world. Topics studied include atomic and nuclear physics, energy and power, and astrophysics. Laboratory work is emphasized and requires structured labs, research papers, and experimental projects. Instruction is student-centered with cooperative learning as well as teacher direction, thus offering the student a college-level physics experience. Only those students choosing to enroll in both years of IB Physics, will sit for the standard level exam, offered in the spring of the second year. An interdisciplinary group project helps students realize that all scientific disciplines share the common goal of understanding how the world works, and that scientists can work together on problems to discover solutions to a common goal. Students entering the program may be given a summer assignment, which will review basic mathematical skills and introduce concepts of analytical reasoning.

SPORTS MEDICINE

Credit 1.0; Full year; Grades 11 or 12

Credit: Health Enhancement or Science General elective

Materials Fee: \$15 lab fee

Prerequisites: 1.0 credit of required Physical Education, Health, and successful completion of two years of lab science, including Biology. This course cannot be used to meet the two-year laboratory science requirement nor does it satisfy the NCAA requirement for lab science.

Course Objectives: This year-long course in applied Anatomy and Physiology is directed towards students interested in the Allied Health Professions. Students interested in careers such as nursing, athletic training, physical therapy, orthopedic medicine, emergency care, and general health care will be benefited by this course.. This class covers functional anatomy and physiology, emergency procedures, skeletal-muscular injury evaluation, assessment and treatment, internal medicine, preventative taping and bracing techniques, special medical testing and treatment, athletic sport conditioning, nutrition, drugs and supplements, and much more. The students will be exposed to skeletal-muscular injury management, sport event emergency coverage, medical professional guest speakers, taping labs, and orthopedic clinic visits. Students will also participate in anatomy dissections. This college prep course also provides the necessary information needed for the student athletic trainer to become competent in the skills that are recommended by the National Athletic Trainers Association and possibly go on to college and pursue a degree in athletic training.

WILDLIFE BIOLOGY

Credit .5; One semester; Grades 11 or 12

Prerequisites: Successful completion of two years of lab science, including Biology. This course cannot be used to meet the two year laboratory science requirement.

Course Objective: The overall objective for this course is to introduce students to the world of wildlife biology as it relates to flora, fauna, and management. Students will explore, through active research and guest presenters, wildlife management history, habitat components, population estimation, plant and animal identification, big game management, critical species management, and local perceptions of wildlife and their value.

SOCIAL SCIENCE

20th CENTURY AMERICAN HISTORY

Credit 1.0; Full year; Grade 11

Prerequisite: None

Course Objectives: This class is required of all juniors unless they are enrolled in IB History of the Americas or Basic 20th Century History. This course begins with events and conditions immediately preceding the Civil War. Civil War causation, events, outcomes and Reconstruction form the framework for America's emergence into the 20th century. Students explore the role of the United States on the world stage beginning with events leading to the Civil War and ending with America's role in the war on terrorism. Included in this emphasis is a constant and continuous application of current events.

20th CENTURY AMERICAN HISTORY BASIC

Credit 1.0; Full year; Grade 11

Prerequisite: Placement is based on recommendations of social science instructors and counselors with reference to assessment data. The course is designed to meet the needs of students with learning disabilities and those who read at the novice level.

Course Objectives: This course begins with events and conditions immediately preceding the Civil War. Civil War causation, events, outcomes and Reconstruction form the framework for America's emergence into the 20th century. Students explore the role of the United States on the world stage beginning with events leading to the Civil War and ending with America's role in the war on terrorism. Included in this emphasis is a constant and continuous application of current events.

20TH CENTURY ISSUES IB (HL)

Credit 1.0; Full Year; Grade 12

Materials Fees: Those students seeking full diploma or certificate status will have fees

Prerequisite: History of the Americas IB (HL) or department recommendation.

Course Objectives: This course is open to students who intend to go to college and specifically meets the IB full diploma requirement for Individuals and Society (Social Studies). This Higher Level course is the second year of the two-year International Baccalaureate curriculum. This year's curriculum includes an emphasis on the end of the Cold War. Students will be required to write a 2,200 word in-depth investigation of a significant historical topic for their internal assessment. Students in this class should have above average or college-capable reading skills. In addition to serving as the second year of the IB curriculum for higher-level Social Science, this course counts as a social science elective for graduation purposes. To earn the IB designation on higher-level courses, students must take the IB external assessments. This course fulfills one credit towards the Civics Distinction.

AGRICULTURE 4 AND ECONOMICS

Credit 2.0, Full year; double periods; Grade 12

Credit: 1.5 Career & Technical and .5 Social Studies elective

Materials Fee: \$15

Prerequisite: Ag 3 or instructor's recommendation

Course Objectives: The Agriculture 4 curriculum is designed for students to develop interests and learn career skills related to the agriculture and natural resources industry. Subjects taught within the Ag 4 curriculum will include the following: Ag careers, precision agriculture, animal science, small engines, Ag business, economics, commodity marketing, and an annual senior project to better the Ag Education Center. Students will have the opportunity to continue development of their leadership skills and abilities through active participation in the FFA. This course fulfills .5 credit towards the Civics Distinction.

AMERICAN CULTURE

Credit .5; One semester, Grades 10, 11, 12 (11th or 12th recommended)

Course Objectives: This course is a survey of American Culture examining a selection of American music, classic cinema, sporting events and early television. Emphasis is placed on the links between these cultural expressions and events of the 20th century. A primary objective of the course is to examine how the entertainment genres reflect or alter their historical setting. This course fulfills .5 credit towards the Civics Distinction.

AMERICAN GOVERNMENT

Credit .5; One semester; Grade 12

Prerequisite: None

Course Objectives: American Government is a process oriented study of our government. Primary emphasis is placed upon the legislative, executive, and judicial branches. The duties and responsibilities of citizenship are also emphasized. Current events, which are integral to recognizing and understanding political action, are included as a portion of the student's daily activities.

AMERICAN GOVERNMENT BASIC

Credit .5; One semester; Grade 12

Prerequisite: Placement is based on recommendations of social science instructors and counselors with reference to assessment data. The course is designed to meet the needs of students with learning disabilities and those who read at the novice level.

Course Objectives: American Government is a process-oriented study of our government; primary emphasis is placed upon the legislative, executive, and judicial branches. The duties and responsibilities of citizenship are also emphasized. Current events, which are integral to recognizing and understanding political action, are included as a portion of the student's daily activities.

CONFLICT AND CONTROVERSIES IN SOCIAL STUDIES

Credit: .5; One semester; Grade 9, 10, 11, 12

Prerequisites: None

Course Objectives: This course is designed to introduce students to the exciting world of debate, including traditional Lincoln-Douglas Debate, Public Forum Debate, Policy Debate, and Legislative Debate. Through careful study of important modern issues and controversies coupled with the power and excitement of live debate, students will gain the knowledge and skills they need to make sense of the world around them.

CONTEMPORARY ISSUES: TERRORISM, WARFARE, AND HOPE

Credit .5; One semester; Grades 10, 11, 12

Prerequisite: None

Course Objectives: Contemporary Issues will follow a simulation and discussion model to examine multiple perspectives on important topics of our time. By examining the evolution of international affairs including subjects like terrorism, warfare, and human rights, students will assess local and national approaches to a variety of issues facing society. Additionally, the class will participate in an engaging online global simulation in which the students build and run their own nation. In the simulation, they will practice the diplomatic, military, and economic skills that they have learned in class. Students will end the course with a rich understanding of the challenges facing their generation. This course fulfills .5 credit towards the Civics Distinction.

ECONOMICS

Credit .5; One semester; Grades 11, 12

Prerequisite: None

Course Objectives: Economics is designed to acquaint students with the major principles common to all economic systems and to teach sound concepts concerning personal finance, including savings, investments and credit management. The class emphasizes authentic, real-world application of concepts through the use of economic and investment simulations, games and interactive activities. This course fulfills .5 credit towards the Civics Distinction.

GLOBAL POLITICS IB (SL)

Credit 1.0 Full Year; Grade 11 & 12 **(This course satisfies the American Government requirement)**

Prerequisite: Placement is based on recommendations from social science instructors and counselors with reference to class performance and ability. This course is designed to meet the needs of students with above average or college capable language skills.

Course Objectives: The Global Politics IB course helps students to understand abstract political concepts by grounding them in real world examples and case studies. The course also invites comparison between such examples and case studies to ensure a transnational perspective. Developing international mindedness and an awareness of multiple perspectives is at the heart of this course. It encourages dialogue and debate, nurturing the capacity to interpret competing and contestable claims. This course can count as an elective for the IB full diploma and/or as a social science elective for graduation purposes. This course fulfills one credit towards the Civics Distinction.

GREAT AMERICAN LEADERS: PROTEST, POLITICS, AND PERSUASION

Credit .5, semester; Grades 10, 11, 12

Prerequisite: None

Course Objectives: Great American Leaders is an examination of American leadership, communication, and conflict rhetoric approaches with a focus on 20th Century leaders like Ronald Reagan, Malcolm X and Steve Jobs. Additionally, Great American Leaders focuses on critical current events facing our national leaders. Students will engage in active simulations, debates, and investigations to determine what makes great leaders so effective. The course will examine traditional political leadership, as well as, the protest movements of the 1960's. This is an excellent class for students wishing to learn the skills of leadership and for those who wish to be better communicators. This course fulfills .5 credit towards the Civics Distinction.

HISTORICAL GEOGRAPHY

Credit 0.5; Semester; Grade 9 & 10

Prerequisite: None

Course Objective: This class will take you on a journey around the world and through time by exploring how geography impacted major historical periods or events. The class will study maps, landscapes, political interactions, and economic consequences as shaped by the geography. The course will start with a unit on physical geography and then focus on 4-6 case studies, one of which will be a Native American unit. Other case studies may include European wars, Great River Civilizations, and Natural Resource extraction. This course is strongly recommended for any freshman taking honors. This course fulfills .5 credit towards the Civics Distinction.

HISTORY OF THE AMERICAS IB (HL)

Credit: 1.0; Full year; Grade 11

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: Western Civilization Honors or Department Recommendation

Course Objectives: This course is recommended for college-bound students and specifically meets the IB full diploma requirement for Individuals and Society (Social Studies). This Higher Level (HL) history course is the first year of the two-year International Baccalaureate curriculum. History of the Americas is a comparative course, which will integrate the histories of Canada, Latin America, and the United States from the 18th Century to the present, with a heavy emphasis on the past 100 years. This course is designed to promote an awareness and understanding of U.S. history and our interaction with the Western Hemisphere. Students in this class should have college-level reading and writing skills. In addition to serving as the first year of the IB curriculum for higher-level Social Science, this course counts for graduation purposes as one year of United States History.

PSYCHOLOGY

Credit .5; One semester; Grades 11, 12

Credit: Social Science elective

Prerequisite: None

Course Objectives: Psychology is the study of human behavior and mental processes. This course will offer students an opportunity to learn more about themselves and others by studying the brain and biological aspects of behavior, how we think, and how interaction with others in society and cultures affects our behavior. This course fulfills .5 credit towards the Civics Distinction.

PSYCHOLOGY IB (SL)

Credit: 1.0; Full year; Grades 11, 12

Materials Fee: Only those students intending to seek the IB diploma or IB certificate/s will have fees.

Prerequisite: None

Course Objectives: This course is open to any student intending to go to college and specifically meets the IB full diploma elective requirement. The course is intended for students wishing to have a deeper study of psychology than the semester psychology course offers, and is offered at both the Standard Level (1 year) and Higher Level (2 year). Psychology is defined as the systematic study of behavior and experience. The course will focus on the role of research and the different theoretical perspectives in the field of psychology to understand the relationship between physiological processes and human experience and to study this complex relationship. To ensure a holistic viewpoint, each perspective will be explored using four compulsory topics: development and cultural contexts, frameworks, methodologies, and application. Areas of study will include the compulsory perspectives: biological, cognitive and socio-cultural, the application option, health or abnormal psychology, and ethical research design and methodology. This course fulfills one credit towards the Civics Distinction.

PSYCHOLOGY IB (HL)

Credit: 1.0; Full year; Grades 12

Materials Fee: Only those students intending to seek the IB diploma or IB certificate(s) will have fees.

Prerequisite: Psychology IB (SL)

Course Objectives: The HL course builds upon knowledge and skills gained in the first year SL course. This second year allows students to further their understanding of psychology by examining the role of qualitative, as well as quantitative research, in addition to extending study of the three perspectives introduced in year one. HL students will also study one additional area in the application options and have the opportunity to explore areas of individual interest.

STREET LAW

Credit .5; semester, Grades 10, 11, 12 (11th or 12th recommended)

Prerequisite: None

Course Objectives: Street Law provides students with knowledge and skills necessary for survival in a law-saturated society. Using case studies, mock trials, role-play activities, simulations, and courtroom observation, students learn how our court systems work, gain substantial knowledge of both civil and criminal law, and prepare themselves to be advocates for themselves and others in our legal and political systems. This course fulfills .5 credit towards the Civics Distinction

WESTERN CIVILIZATION

Credit 1.0; Full year; Grade 10

Prerequisite: None

Course Objectives: This class is required of all sophomores unless they are enrolled in Honors or Basic Western Civilization. Western Civilization will cover four critical historical topics; The Enlightenment, Periods of Change, Wars and Conflict, and Modern History.

WESTERN CIVILIZATION BASIC

Credit 1.0; Full year; Grade 10

Prerequisite: Placement is based on recommendations of Language Arts instructors and counselors with reference to assessment data. The course is designed to meet the needs of students with learning disabilities and those who read at the novice level.

Course Objectives: Western Civilization is required of all sophomores Western Civilization will cover four critical historical topics; The Enlightenment, Periods of Change, Wars and Conflict, and Modern History.

WESTERN CIVILIZATION HONORS

Credit 1.0; Full year; Grade 10

Prerequisite: Placement is based on recommendations from Language Arts instructors and counselors with reference to class performance and ability. The course has been developed to meet the needs of students with above-average or college-capable language skills.

Course Objectives: This is an honors level class based on the same general themes as the Western Civilization course but with a higher demand for academic and intellectual rigor. More reading and writing at a higher academic level will be required. This course is intended primarily for those students wishing the academic challenge and for those who intend to pursue the IB History curriculum in grades 11 and 12. Western Civilization will cover four critical historical topics; The Enlightenment, Periods of Change, Wars and Conflict, and Modern History.

