

## REQUIREMENTS FOR GRADUATION

Students must earn 22 1/2 credits to graduate from Havre High School. Applied Technologies is to be taken freshman year.

4	ENGLISH
2 1/2	SOCIAL STUDIES (1 World History, 1 U.S. History, 1/2 Government)
2	SCIENCE
3	MATHEMATICS
1	VOCATIONAL (Business Ed, Technology Ed, Family Consumer Science, Agriculture Ed)
1	FINE ARTS (Art, Music)
1	HEALTH ENHANCEMENT
1/2	APPLIED TECHNOLOGIES
1/2	INDIAN EDUCATION (American Indian Culture or Local History)
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15 1/2	CORE CREDITS REQUIRED
7	ELECTIVES
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22 1/2	CREDITS FOR GRADUATION

## CLASS LOAD

Freshmen, sophomores, juniors, and seniors **are expected** to carry at least six courses for credit and one study hall per semester, or seven classes per semester.

**The school will review requests for part-time enrollment (enrollment less than seven (7) classes per semester on a case-by-case basis, with a building principal making a final decision (HPS Board Policy 3150).**

## CREDIT REQUIREMENT FOR GRADE LEVEL CLASSIFICATION

- entering 9<sup>th</sup> grade with no credits: FRESHMAN
- **more** than 4 credits: SOPHOMORE
- 8.5 credits or more: JUNIOR
- 15.5 credits or more: SENIOR

## ADMISSION STANDARDS: THE MONTANA UNIVERSITY SYSTEM BOARD OF REGENTS

- I. Full Admission.** To be fully admitted as first-time, full-time undergraduates (without conditions

or provisions), students must meet the following requirements:

A. Completion of the Regents' College Preparatory Program:

1. Four years of English: in each year the content of the courses should have an emphasis upon the development of written and oral communication skills and study of literature.
2. Three years of mathematics including Algebra I, Geometry and Algebra II (or the sequential content equivalent of these courses). Students are encouraged to take a math course in their senior year.
3. Three years of social studies which shall include global studies (such as world history or world geography); American history; and government, economics, Indian history or other third year courses.
4. Two years of laboratory science: one year must be earth science, biology, chemistry, or physics; the other year can be one of those sciences or another approved college preparatory laboratory science.
5. Two years chosen from the following:
  - a. foreign language (preferably two years)
  - b. computer science
  - c. visual and performing arts, or
  - d. career/technical education units which meet the office of public instruction guidelines.

B. Demonstration of Mathematics Proficiency:

1. A score of 22 or above on ACT mathematics; or
2. A score of 27.5 or above on SAT mathematics test; or
3. A score of 3 or above on the AP calculus AB or BC subject examination or a score of 4 on the IB calculus test; or
4. A score of 50 or above on the CLEP subject examinations in selected topics [college algebra, college algebra-trigonometry, pre-calculus, calculus, or trigonometry]; or
5. Completion of a rigorous high school core including four years of mathematics in high school (Algebra I, Algebra II, Geometry & a course beyond Algebra II) and three years of laboratory science; or three years of mathematics including a course beyond Algebra II and four years of laboratory science, in addition to English, social studies, and electives as described in the regents' college preparatory program, with grades of C or better in all courses. (See Appendix I.)

C. Demonstration of Writing Proficiency:

1. A score of 7 or above on the writing test or 18 or above on the ELA (weighted composite based on the English, reading, and writing scores) of the optional writing test of the ACT; or
2. A score of 25 or above on the writing and language test of the SAT; or
3. A score of 3 or above on the AP English language or English literature examination; or
4. A score of 4 or above on the IB language A1 exam; or
5. A score of 50 or above on the (CLEP) subject examinations in composition.

D. General preparation as demonstrated through at least one of the following:

1. A composite score of at least 20 on the ACT or a score of at least 1050 on the total of mathematics, evidence-based reading, and writing scores on the SAT (Scholastic Aptitude Test) for admission to Montana State University-Northern; or
2. A composite score of at least 22 on the ACT or a score of at least 1120 on the total of

- mathematics, evidence-based reading, and writing scores on the SAT, for admission to Montana State University-Billings, Montana Tech of The University of Montana, Montana State University-Bozeman, The University of Montana-Missoula, and The University of Montana Western; or
3. A high school grade point average (GPA) of at least 2.5; or
  4. A ranking in the upper half of the school's graduating class.

**II. Provisional Admission:** Students who do not demonstrate the ability to meet the mathematics and/or writing proficiency standards may be admitted provisionally to a four-year degree program on any campus of the MUS and without condition to a two-year degree program. Operational rules pertaining to provisionally admitted students are:

- A. Students must be informed of their admission status by letters that include the following points:
  1. The minimum mathematics and/or writing score(s) required compared to their score(s) that did not satisfy this requirement.
  2. An explanation of what they must do to attain full admission status
  3. Academic support services available to students, such as tutoring centers.
- B. Provisionally admitted students must attain full admission status by completing at least one college-level mathematics and college-level composition course with grades of C- or better before completing 32 credits or 3 semesters, whichever comes last.
- C. Provisionally admitted students may declare a major.
- D. The term "provisional admission" has particular meaning in the Montana University System, under Board of Regents' Policy. It cannot be used to describe any other admissions status or situation in the System.
- E. Provisional admission does not change existing rules within the Montana University System concerning financial scholarship eligibility, satisfactory academic progress, academic probation, or suspension rules.

**III. Enrollment Management Procedures:** Campuses may apply admission review processes that 1) improve the likelihood of student success; 2) encourage rigorous college preparation among applicants; and 3) ensure balanced treatment of all student applications.

- A. For applicants who exceed every criterion of undergraduate admissions standards, campuses may establish facilitated admissions procedures, and may identify such students with special privileges, titles, or honors.
- B. For applicants whose transcripts and exam scores leave some questions about the prospective student's success, additional documentation (such as essays, letters of recommendation, and/or portfolios) may be required before granting admission.

**IV. Exemptions:** All students must comply with the admissions requirements set out in Policy 301. Exemptions are used to admit students under special circumstances and must be used judiciously:

- A. Exemptions for First-time, Full-time Students: Institutions may exempt up to 15% of first-time, full-time undergraduates from the requirements of this policy, except for Completion of the Regents' College Preparatory Program, for students with special talents, minorities and others who demonstrate special needs.
- B. Categorical Exemptions: The following categories of students are also exempt from the requirements of this policy:
  1. non-traditional students (those who do not enter college for a period of at least three years from the date of high school graduation or from the date when they would have graduated from high school),
  2. summer only students, and
  3. part-time students taking seven or fewer college-level semester credits.

- C. Procedures Required for Granting Exemptions: Campuses must establish procedures for the admission of applicants who do not meet the minimum requirements set forth in this policy. Such procedures shall include submission of evidence of the ability to do college-level work and shall be subject to approval of the deputy commissioner for academic and student affairs.

## COLLEGE PREPARATORY PROGRAM

### RIGOROUS CORE

In order to improve students' preparation for college-level work, the Montana Board of Regents of Higher Education requires the following **Minimum Core** College Preparatory Program for students who wish to enter into a 4-year campus of the Montana University System (does not apply to the Colleges of Technology). The **Rigorous Core** which was created as an alternative to the mathematics proficiency expectations of the Montana University System is also shown below. The Rigorous Core is also the criteria for MUS Honors Scholarships.

### REGENTS' COLLEGE PREPARATORY PROGRAM

COURSE	COLLEGE PREP PROGRAM	YEARS	RIGOROUS CORE	YEARS
Mathematics	Algebra I, II, Geometry (or the sequential content equivalent, i.e. 3 levels of Integrated Math).	3	Algebra I, II, and Geometry (or the sequential content equivalent) and a course beyond Algebra II or Integrated Math III (such as Trigonometry, Pre-Calculus, Calculus, Computer Math, or course equivalent) <i>All with grades of C or better.</i>	4
English	Written and oral communication skills and literature	4	Written and oral communication skills, literature: Recommendation: a designated college-prep composition or research-writing course.	4
Science	Lab sciences: one year must be earth science, biology, chemistry or physics.	2	Lab sciences: General, physical or earth science, biology, chemistry, or physics.	3
Social Studies	Global studies (world history, world geography), American history, and government. Economics, American Indian history or other third-year course	3	Global studies (world history, world geography, American history, and government. Economics, American Indian history or another third-year course. Recommendation: ½ year of other courses such as psychology, humanities	3
Electives	World language, computer science, visual and performing arts, or career/technical education	2	Recommendation: 2 years of one world language; and music, fine arts, speech/debate, or career/technical education (such as computer science)	3

A limited number of entering freshmen who do not meet the Entrance Requirements (Numerics) may be exempted. A limited number of entering freshmen with College Preparatory course deficiencies may also receive exemptions. Exemptions are not automatic. Students must apply for them. **STUDENTS WHO WILL NOT MEET THESE REQUIREMENTS BY GRADUATION SHOULD CONTACT THE UNIVERSITY SYSTEM UNIT**

THEY WISH TO ATTEND. This contact should be made early in the senior year. For students who do not qualify for full-time attendance and who are not granted an exemption, part-time enrollment is an alternative. Once a student has earned a minimum of 12 qualifying semester credits, she or he may become a full-time student.

The following classes of students are not required to meet the admissions requirements:

1. Graduates who have been out of high school for three years.
2. Students who begin college part-time (11 or fewer credits per semester).
3. Students who enroll as Non-Degree students.
4. Students who transfer a minimum of 12 semester credits from another collegiate institution, e.g., a community college.

For further clarification of these requirements and exemptions, please review the Board of Regents' policy 301.7.

Find Havre High Schools approved college preparatory curriculum listing at: [mus.edu](http://mus.edu)

# NCAA FRESHMAN-ELIGIBILITY STANDARDS-QUICK REFERENCE SHEET

## KNOW THE RULES:

### Core Courses

- NCAA Division I requires 16 core courses as of August 1, 2008. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of these 16 core-course requirements.
- NCAA Division II requires 16 core courses. See the breakdown of core course requirements below.

### Test Scores

- Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing **agency**. **Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.**

### Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).
- Division I grade-point-average requirements are listed on page two of this sheet.
- The Division II grade-point-average requirement is a minimum of 2.200.

DIVISION I <b>16 Core-Course Rule</b>	DIVISION II <b>16 Core-Course Rule</b>
<b><u>16 Core Courses:</u></b> 4 - years of English. 3 - years of mathematics (Algebra I or higher). 2 - years of natural/physical science (1 year of lab if offered by high school). 1 - year of additional English, mathematics, or natural/physical science. 2 - years of social science. 4 - years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).	<b><u>16 Core Courses:</u></b> 3 - years of English. 2 - years of mathematics (Algebra I or higher). 2 - years of natural/physical science (1 year of lab if offered by high school). 3 - years of additional English, mathematics, or natural/physical science. 2 - years of social science. 4 - years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

\*\*PLEASE NOTE: Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

## OTHER IMPORTANT INFORMATION

- Division II has no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.

- 14 core courses are currently required for Division II. However, beginning 2013, students will be required to complete 16 core courses.

- 16 core courses are required for Division I.

- The SAT combined score is based on the verbal and math sections only. The writing section will not be used.

- SAT and ACT scores must be reported directly to the Eligibility Center from the testing agency. Scores on transcripts will not be used.

- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Website. Students need to request final amateurism Certification prior to enrollment.

For more information regarding the rules, Please go to [www.ncaa.org](http://www.ncaa.org). Click on “Academics and Athletes” then “Eligibility And Recruiting.” Or visit the Eligibility Center website at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

Please call the NCAA Eligibility Center if you have questions: Toll-free number: 877-262-1492

### NCAA DIVISION I SLIDING SCALE CORE GRADE-POINT AVERAGE/TEST-SCORE New Core GPA / Test Score Index

<u>CORE GPA</u>	<u>SAT</u>	<u>ACT</u>
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

## ENGLISH DEPARTMENT

### **REQUIRED COURSES:**

English 9, English 10, and English 11 are required courses for freshmen, sophomores, and juniors. Seniors will earn their final English credit with electives. Sophomores and juniors may also take elective courses as their schedules and interests allow.

### **ELECTIVE COURSES:**

Literature of Human Conflict  
Literature of the Hero  
Speech Communications/Dual Credit (Comx 111)  
Literature and Film  
Dramatic Literature  
Shakespeare  
College and Career Reading  
Advanced Composition/Dual Credit (Writ 101)  
AP Literature and Composition  
Education 201/Dual Credit (Edu 201) Not for English credit. ***For elective credit only.***

Read all the course descriptions carefully so that you will know what you need to do to complete the course. You do not need to wait until your senior year to take an elective, even a higher phased one if you think you qualify. Read the description and consult the teacher of the course if you are in doubt.

**Eight semesters of credit (4 total credits) are required for graduation.**

**\*Seniors are encouraged to carry 2 – ½ credit English classes per year.**

### **ENGLISH 9**

Grade Level: 9  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Required Freshman English

Content: The goal of the English 9 is to enable students to achieve greater skill in reading, writing, and thinking. The course will include reading and writing, study of language usage, grammar, and vocabulary. Materials used include a *Prentice Hall Literature* anthology and novels. Novels for this class include *Lord of the Flies*, *The Absolutely True Diary of a Part-time Indian*, *Bless the Beasts and the Children*, and *West Side Story*.

For Advisement: English 9 is required of **all** freshmen.

### **ENGLISH 10**

Grade Level: 10  
Length: 1 Year  
Period(s) Per Day: 1



Credit: 1  
Credit Requirement Fulfilled: Required Sophomore English

Content: The goal of English 10 is to continue the process begun in English 9 - to enable students to achieve greater skill in reading, writing, and thinking. Practice in reading and writing, language usage, grammar, and vocabulary will be offered. Materials used include a *Prentice Hall Literature* anthology, novels, and plays. Novels for this class include: *Of Mice and Men*, *Animal Farm*, *Anthem*, *All Quiet on the Western Front*, and *A River Runs Through it*.

For Advisement: English 10 is required for **all** sophomores.

### **ENGLISH 11**

Grade Level: 11  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Required Junior English

Content: Junior English will expose students to the many aspects of both American literature and language. The course will include thematic units incorporating short stories, drama, poetry, novels, and nonfiction. Students will explore the development of the character of American ideals, goals, and temperament, enabling students to analyze the effects of religion, philosophy, politics, and other factors on contemporary American culture. Coursework will also be completed in the areas of vocabulary, grammar, and argumentative writing. Materials used include a *Prentice Hall Literature* anthology and novels. Novels for this class include: *To Kill a Mockingbird*, *The Catcher in the Rye*, *The War Prayer*, *The Great Gatsby*, *The Scarlet Letter*, and *The Adventure of Huckleberry Finn*.

For Advisement: English 11 is required for **all** juniors.

### **SPEECH COMMUNICATIONS/COMX 111**

Grade Level: 10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

Content: This course is intended to provide public speaking experience for the student. It is also a helpful course for students who hesitate to express their views even though they have strong convictions about things. The course is designed to aid the student in acquiring self-confidence and poise while developing formal and informal oral communications skills. Emphasis is placed on the organization, content and delivery required in public speaking.

For Advisement: The class is recommended for all students with a desire to improve their communication and organizational skills. **This course can be taken as dual credit within the Montana University System.**

### **LITERATURE OF THE HERO**

Grade Level: 10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

Content: Literature of the Hero explores the concept of the hero and the cultural heritage we have gained from the Greeks and other early cultures. Through the study of Greek and other myths, students will gain a classical background and will develop an awareness of the myth making process. Books read include: *Edith Hamilton's Mythology*, *The Iliad*, and *The Odyssey*. Dramas read include *Medea*.

For Advisement: This class is recommended for students who are interested Greek and classical materials.

### **LITERATURE OF HUMAN CONFLICT**

Grade Level: 10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

Content: Literature of Human Conflict is designed to make students aware of: 1) Human conflict with self, other people, other nations, and the physical world; 2) the human need for dignity, acceptance, and compassion; and 3) the need to make responsible value judgments about both personal attitudes and society's demands. The works studied address the problems faced by all societies such as war, survival, poverty, prejudice of any kind, and environmental influences. Requirements for this class include reading various works, writing papers, and taking tests. Novels for this class include: *Fahrenheit 451*, *A Thousand Splendid Suns*, *Ordinary People*, *When the Legends Die*, *Ellen Foster*, *Counting Coup: A True Story of Basketball and Honor on the Little Big Horn*, *Flowers for Algernon*, and *Alive*.

For Advisement: This course is designed for students with an interest in exploring the human condition that brings about both conflict and advancement within society.

## **ADVANCED COMPOSITION/WRIT 101**

Grade Level: 12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

Content: Advanced Composition is an upper-level course that covers the prose writing process from pre-writing activities such as selecting a topic, planning, and outlining to the final phases of revising, editing, and proofreading. The kinds of writing emphasized are: narrative and description, analytical, research and argumentative. Books used include *Writing Research Papers* and *The Structure of Argument*, college level writing texts which provide direction and model writings for each kind of writing required. Vocabulary study is an integral part of the class.

For Advisement: This class is recommended for college-bound students, looking to improve their command of basic writing techniques. Students should read at or above the twelfth-grade level. **This course can be taken as dual credit within the Montana University System.**

## **LITERATURE AND FILM**

Grade Level: 11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

Content: Literature and Film focuses on the various scholarly and technical elements of film, as well as those of literature. It is a study of film both as a visual medium, as well as a study of contemporary American popular culture. The general elements of film are introduced through representative examples from genre and general-interest films. Both classic and contemporary movies of various genres (spy thriller, musical, film noir, costume drama, literary adaptation, spaghetti western, horror, and science-fiction) will be studied. The course provides an opportunity for viewing and evaluating significant American and international films in an educational setting.

For Advisement: The class is recommended for students with a strong interest in the study of film as a distinct literary genre. Students must be willing to participate fully in the viewing and discussion of films, as well as individual and group presentations.

## **DRAMATIC LITERATURE**

Grade Level: 12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

**Content:** This course is an introduction to basic drama. It examines the development and history of the genre, as well as exposing students to various playwrights. Greek, Elizabethan, and modern drama will be examined, with a primary focus on modern drama. Dramas read may include: Oedipus Rex, Dr. Faustus, An Enemy of the People, A Streetcar Named Desire, The Women, Death of a Salesman, A Raisin in the Sun, Six Degrees of Separation, Who's Afraid of Virginia Woolf?, The Three Sisters, Tartuffe, Steel Magnolias, and Waiting for Godot. In addition to reading dramas, students will also be expected to analyze literature and respond using argumentative writing.

**For Advisement:** The class is recommended for students with a strong interest in the study of drama as a distinct literary genre. Students must be willing to participate fully in class discussion and presentations, as well as read plays aloud in class.

## **SHAKESPEARE**

Grade Level: 11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

**Content:** Shakespeare is designed to give students a survey of the writings of Shakespeare. The course will explore Shakespeare's history plays and sonnets while placing heavy emphasis on the concepts of tragedy and comedy in the reading of selected plays including, but not necessarily limited to the following: *Henry IV*, *Richard III*, *A Midsummer Night's Dream*, *Twelfth Night*, *Macbeth*, and *Hamlet*. *Students will also be expected to analyze literature and respond using argumentative writing.*

**For Advisement:** The class is recommended for students with a strong interest in the life and works of William Shakespeare. Students must be willing to participate fully in class discussions, reading plays out loud, and work collaboratively to complete small group presentations.

## **COLLEGE AND CAREER READING**

Grade Level: 12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: English

Content: This course is intended to provide students with a chance to explore reading in an independent fashion. Guidance will be provided by the instructor to enhance choice selections and to promote understanding of the materials being read. A daily reading journal will be required, and individual conferences will be held. In addition, the student and the instructor will set quantitative goals for the level and amount of reading. One full-length essay will be written each quarter and a cumulative final will be assessed at the end of the semester.

For Advisement: The class is recommended for students who are motivated to read as well as those looking to increase reading speed and comprehension.

## **ADVANCED PLACEMENT LITERATURE AND COMPOSITION**

Grade Level: 12  
Prerequisite: Students are advised to meet with the teacher prior to signing up for this class  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: English

Content: Advanced Placement Literature and Composition is an advanced course that covers the study of literature and writing. The emphasis will be on British and American literature of various periods and genres. The course is a cooperative venture between students and the teacher. Students will read widely and reflect upon their reading through expansive discussion, writing and rewriting. Novels for this class include: *Pride and Prejudice*, *Jane Eyre*, *Frankenstein*, *The Awakening*, *As I Lay Dying*, *Fools Crow*, *Brave New World*, *The Round House*, *Wuthering Heights*, *Montana 1948*, *The Road*, *Dracula*, and *The Metamorphosis*. Dramas for the class will include: *The Tempest*, *A Raisin in the Sun*, and *A Doll's House*.

For Advisement: This course is recommended for above average students who have a strong interest in exploring literature and writing. The course requires internal discipline. Successful students will be encouraged to take the Advanced Placement Examination in the spring for college credit. Students must complete the full course to receive AP credit on their transcript. Shakespeare, Advanced Composition, and Literature of the Hero are highly recommended for those planning to take Advanced Placement Literature and Composition. Students must meet college and career readiness benchmarks.

## **EDUCATION 201/EDU 201**

Grade Level:	12
Length:	1 Semester
Period(s) Per Day:	1
Credit:	1/2
Credit Requirement Fulfilled:	Elective/ <b>Not for English Credit</b>
Content:	This course explores K-12 public education in the United States. Topics introduced include historical perspective, the purpose of education, philosophical and theoretical foundations, educational reform, equity, and current issues trending in education. The course content is supplemented by ten hours of required field experience to allow the teacher candidate to merge theory with practice and reflect on the ideas of why teachers teach, and how teachers teach. As a dual-enrollment course, the course provides prospective teacher candidates with an overview of the Montana teaching licensure process, Montana OPI teacher resources, and the education degrees offered at MSU-Northern.

**For Advisement:** **This course is for Elective Credit Only. This course can be taken as dual credit within the Montana University System.**

## **WORLD LANGUAGE DEPARTMENT**

### **SPANISH LANGUAGE, CULTURE AND LITERATURE**

Grade Level:	9-10-11-12
Length:	1 Year each level
Period(s) Per Day:	1
Credit:	1
Credit Requirement Fulfilled:	Elective

Content: With over 22 million Americans who speak Spanish, it is the unofficial second language of U.S. bilingual communities and people all over the United States. By exploring the Spanish language, students develop an appreciation for the diverse cultures of some of the more than 20 Hispanic countries in the world. Additionally, many colleges require foreign language credits to matriculate or graduate.

### **SPANISH I**

First year Spanish presents basic vocabulary and structure using audio and visual presentations, dialogue, and oral drills. Present tense conjugations, Hispanic cultures, Spanish media and technology are used to become acquainted with Spanish language and culture.

### **SPANISH II**

Successful completion of Spanish I is a prerequisite. This course is designed to stimulate interest in the Spanish language and culture through development of speaking and listening skills. The objectives of second year Spanish are to enable the student to communicate with a

native speaker of Spanish and gain an understanding of Hispanic cultures and history. Students create written and oral presentations and use technology and media to express and develop newly acquired skills.

### **ADVANCED SPANISH**

Spanish I with a pacing placement test or Spanish 2 is a prerequisite. This course develops of conversational and writing skills through reading and discussing short stories, plays and news articles. Cultural and conversational projects build fluency, grammar, and vocabulary.

### **MODERN SPANISH**

Spanish I with a pacing placement test or Spanish 2 is a prerequisite. This course offers students further opportunities to hone speaking, reading, writing and listening skills. Students develop vocabulary and conversations in career, opinions, current views, history and government.

For Advisement:

Spanish is recommended for both college bound and non-college bound students. The Montana State Board of Regents recommends two years of a foreign language for college bound students. Although many colleges have no entrance requirement for a foreign language, they often do require it for graduation. Out-of-state colleges may require two years of a foreign language for entrance. Upper Level Courses will be Advanced Spanish and Modern Spanish- alternating years. They will both be level 3 Spanish providing different content each year. Spanish 2,3, and 4 students may register for Modern Spanish for the 2023-2024 school year. . Students are encouraged to contact the Spanish teacher(s) regarding their individual questions.

## **HISTORY & SOCIAL STUDIES DEPARTMENT**

### **AMERICAN INDIAN CULTURE**

Grade Level: 9-10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: Native American Studies

Content: The class contains units on the origins of Indians, the lifestyle, customs, religion, and social structures of ancient and modern Native Americans. Students will see how literature, movies, and TV have shaped and continue to shape our perception of the American Indian. We will take a look at the Flight of the Nez Perce ending at the Battle of the Bear Paws. This class also takes a look at contemporary issues on or near American reservations such as the Dakota Access Pipeline as well as how activism in the 70s and 80s shaped this movement. Multiple fiction and nonfiction novels may be used depending on the class dynamic.

For Advisement: For students interested in Native American studies.

## **LOCAL HISTORY: HAVRE AND SURROUNDING AREA**

Grade Level: 9-10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: Native American Studies

Content: This class will cover the following units of instruction from 1690 until the present day.

- local battles
- Fort Assiniboine
- homesteaders, sheep men, stockmen
- Jim Hill and the development of the railroad, Cyprus Hills and Cow Island Trail
- early towns-how they received their name, their location and present status
- development of the Bull Hook Bottoms into the town of Havre
- Honky Tonk time
- gold strikes in our area - stress Little Rockies
- development of Hill County
- churches of Havre and surrounding area
- health care in Hill County
- education - public and private schools - MSU-Northern
- local government - structure - operations
- unit on Oral History - saving oral history for the future
- discuss the impact of the local area on the development of Western Canada
- the future: What it may bring

For Advisement: This is a course for students interested in Montana history and local history. Students will learn historical facts and develop some perceptions concerning our local area. Students will evaluate contributions of our local citizens and the impact they have passed on to future generations.

## **SURVEY OF TERRORISM**

Grade Level: 11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: Social Studies Elective

Content: Survey of Terrorism is a historical study of the use of terrorism for political gain from the Zealots of ancient Judea to the modern disciples of Osama Bin Laden. This course will also contrast the opposite philosophy of civil disobedience of Nelson Mandela, Gandhi, and Martin Luther King, Jr.



## **SURVEY OF AMERICAN WARS**

Grade Level: 11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: Social Studies Elective

Content: This course is broken into two sections: Ancient and Modern conflicts. First quarter will focus on warfare of the ancient world that had direct ramifications on America and the Western World. Second quarter will provide a survey of American Wars from the Revolutionary to the Gulf War. This course emphasizes the cause and effect of war on American democracy, nationalism, and the economy. The other emphasis will be on the cost of war in terms of resources, technologies and humanity.

## **CURRENT ISSUES**

Grade Level: 11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: Social Studies Elective

Content: This goal of this class is to become aware and engaged in the most current issues featured in our national headlines. The course content includes bi-partisan and unbiased debates which discuss the most current policy issues that face America today including Gun Control, Social Liberties, Foreign Policy, Immigration, Voting Rights, and Education. Each year's topics will evolve as the current events in our news evolve. Students will gain the knowledge they need to become active citizens in today's world. Coursework includes current events, debates, discussion, worksheets, and use of the Close Up Foundation's Current Issues textbook. Election cycles will also determine course content.

For Advisement: For students interested in United States current events and students participating on the Washington D.C. Close Up trip which the course is designed to accommodate.

## **WORLD HISTORY**

Grade Level: 10  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Required of sophomores - a **must pass** course

Content: This course is a study of human development from earliest to the present time. A certain amount of physical geography will be incorporated into the course, such as locations of nations, major cities, rivers, and mountains. The course will also deal with the development of civilizations in Europe, Asia, Africa, North and South America. The first nine weeks period will be a survey of ancient and medieval cultures. The remaining three nine week periods will concentrate on modern times, from the Renaissance to the present with emphasis upon the Western world.

For Advisement: Required Social Studies course for graduation.

### **UNITED STATES HISTORY**

Grade Level: 11  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Required of juniors - a **must pass** course

Content: This course interprets the most dramatic and significant history from 1865 to the present time. The course is designed around two approaches to studying history. A chronological approach aims to follow a sequence of events and developments. The analytical approach aims toward understanding important trends and ideas. The two methods will give students the opportunity to learn more about their nation's history and to appreciate more fully their responsibilities as free individuals faced with the challenge of shaping the future of their society. The first nine week period will be a survey of events from the Civil War to World War I. The remaining three nine week periods will go into more detail on the 20<sup>th</sup> century.

For Advisement: Required Social Studies course for graduation.

### **UNITED STATES GOVERNMENT**

Grade Level: 12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Required of seniors - a **must pass** course

Content: The class contains units on comparison of governments, the political spectrum, the Constitution, the functions of the separate branches of government, state and local governments, politics, interest groups, and problems of government.

For Advisement: Required Social Studies course for graduation.

### **CREE LANGUAGE 1**

Grade Level: 10-12  
Length: 2 Semesters  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Social Studies Elective/Native American Studies Credit

Content: An indigenous Cree Language course to preserve, honor, and revitalize Native American languages in the form of speaking, writing, and storytelling. Students will participate in a variety of activities relating to and of Cree Culture. Students will develop an understanding, appreciation, and history of our area's Indigenous population.

## **MATHEMATICS DEPARTMENT**

### **ELEMENTS OF ALGEBRA**

Grade Level: 9  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics - (Not College Prep/NCAA Eligible)

Content: Elements of Algebra is the study of the relationships between sets of numbers. The emphasis is on solving and graphing linear functions. Order of operations, properties of numbers, number sets, ratios, inequalities and solving systems of equations are studied in depth.

For Advisement: Enrollment into elements of algebra is based on teacher recommendation. This course is not a replacement course for Algebra I. Elements of Algebra will cover the first semester of Algebra I during the course of the year of study. Algebra I will be the next course in this sequence.

### **ALGEBRA I**

Grade Level: 9-10-11-12  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics

Content: Algebra I is a comprehensive Algebra course that includes detailed work with various number systems, solving equations and inequalities, operations with polynomials, functions, graphing, systems of equations, radicals, probability, statistics, and other topics as time permits.

### **GEOMETRY**

Grade Level: 9-10-11-12  
Prerequisite: Successful completion of Algebra I  
Length: 1 Year

Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics. All 9<sup>th</sup> grade students are required to take Algebra 1 unless they completed this course prior to entering high school with a B or better or at the teacher's discretion.

Content: Geometry includes a review of Algebra as a mathematical system, leading to the introduction to reasoning by inductive and deductive methods. This foundation leads to the discovery of angle relationships, perpendicular lines, properties of planes, lines, segments, and geometric figures. Additional topics could include Transformational Geometry, Solid Geometry, Coordinate Geometry, applications of Geometry and Statistics. This entire course will be enhanced through the use of technology where appropriate.

### **CONTEMPORARY MATH**

Grade Level: 11-12  
Prerequisite: Completion of Algebra I & Geometry  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics

Content: This course will cover the areas of algebra, geometry, statistics, and probability. It also has real world applications for mathematics in different fields of work. Some topics in the course include truth tables, Venn diagrams, loan payments, compounding interest, and fractals. **This course can be taken as dual credit within the Montana University System.**

### **ALGEBRA II**

Grade Level: 10-11-12  
Prerequisite: Successful completion of Algebra I  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics

Content: Algebra II is a comprehensive Algebra course that includes detailed work with equations and inequalities including quadratic equations. Students will be introduced to the complex number system and sequences and series. Extensive work with polynomials and polynomial functions will be done. Students will also do preliminary work with Probability, Statistics and Trigonometry.

### **ALGEBRA III**

Grade Level: 10-12  
Prerequisite: Successful completion of Algebra II  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics

Content: The central idea of Algebra III is the study of functions. We will study functions and their inverses as follows: numerically; (as a table of input-output pairs) symbolically; (as a formula describing or modeling real world phenomena) and graphically; (as a plot of inputs vs. outputs.) We will use different methods to solve systems of equations. We will study conics and their graphs. We will use technology to help break much of the tedious graphing and number crunching so concepts can be focused upon more. Additional topics include: Exponential and logarithmic functions, sequences and series, and probability. **This course can be taken as dual credit within the Montana University System.**

### **STATISTICS**

Grade Level: 11 - 12  
Prerequisite: Successful completion of Algebra II  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics

Content: Statistics is an alternative math course for those students that do not want to take AP Calculus. This will be an introductory course in statistics including: data analysis, frequency distributions, and descriptive statistics. Topics may include: data collection, hypothesis-testing, correlation and regression, t-charts, z scores and chi-square tests. **This course can be taken as dual credit within the Montana University System.**

### **TRIGONOMETRY & CALCULUS**

Grade Level: 10-12  
Prerequisite: Successful completion of Algebra II  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Mathematics

Content: This course is divided into semesters at the discretion of the instructor. The student will investigate the underlying principles and applications of Trigonometry. This course will review Analytic Geometry (conic sections), study the principles and concepts of the derivative and integral and apply the Integral and Differential Calculus to solve problems in a variety of areas including but not limited to Physics and Business. The course is an overview and uses much intuition. **This course can be taken as dual credit within the Montana University System.**

## **CALCULUS**

Grade Level:	11-12
Prerequisite:	Successful completion of Trigonometry & Calculus
Length:	1 Year
Period(s) Per Day:	1
Credit:	1
Credit Requirement Fulfilled:	Mathematics

Content: This course consists of a full academic year of work in Calculus and related topics comparable to semester courses in colleges and universities. It is intended for students who have a thorough knowledge of college preparatory mathematics including Algebra, Geometry, and Analysis (Algebra III). **This course can be taken as dual credit within the Montana University System.**

## **SCIENCE DEPARTMENT**

### **UNIFIED LAB SCIENCE**

Grade Level:	9
Length:	1 Year
Period(s) Per Day:	1
Credit:	1
Credit Requirement Fulfilled:	Laboratory Science

Content: Unified Lab Science is a physical science class whose topics include matter and energy. Along with gaining experience with fundamental concepts in chemistry and physics, students will have the opportunity to improve their problem-solving skills through inquiry-based laboratory work. Emphasis will be placed on utilizing the scientific method along with skills considered critical to the scientific process such as persistence, creativity, and critical thinking.

### **BIOLOGY**

Grade Level:	9-10-11-12
Length:	1 Year
Period(s) Per Day:	1
Credit:	1
Credit Requirement Fulfilled:	Laboratory Science

Content: Biology is the study of living organisms. The areas of study are: the nature of life, genetics and heredity, microbiology, cell structure and function, cell transport, macro- molecules, photosynthesis and cellular respiration, biodiversity, and ecological relationships.

For Advisement: Biology is for the student who is interested in science. Students planning a science major should take biology. Freshmen will be allowed to take Biology if they meet the following requirements: **Have taken**

**Advanced Math (Algebra) and maintained an overall B+ or higher in both Advanced Math and Science in 8<sup>th</sup> grade.**

### **ENVIRONMENTAL SCIENCE**

Grade Level: 11-12 (10<sup>th</sup> graders with approval of instructor)  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Laboratory Science

Content: Environmental Science is a year-long course designed to immerse students in the physical, biological, and earth systems sciences that shape our environment. This course examines the environmental impact of population growth on natural resources; mineral and resource extraction; water resource use and water pollution; air pollution and climate change; earth systems; and conventional and sustainable energy supplies. Emphasis is placed on scientific concepts, principles, and modern science practices allowing students to analyze environmental issues, both natural and human induced, and engage in evidence-based decision making in real world contexts. **This course can be taken as dual credit within the Montana University System.**

### **PHYSICS**

Grade Level: 11-12 (10<sup>th</sup> graders with approval of instructor)  
Prerequisite: Successful completion of Algebra II or III, or be taking concurrently  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Laboratory Science

Content: Physics is the study of the fundamental laws that determine the functions of the world around us including forces, motion, and heat. The topics covered in this class will include, but are not limited to mechanics, dynamics, thermodynamics, waves, optics, electromagnetism, relativity, and quantum mechanics. Students will utilize mathematical concepts in conjunction with scientific methods to solve problems. Fundamental concepts will be introduced and built upon using laboratories and practical applications. Mathematics is a large part of physics and will be used regularly in this class. This class is a college preparatory class and is intended to prepare students to be successful in the post-secondary classroom.

For Advisement: For the college bound student planning to major in the field of science or medicine.

## **ANATOMY AND PHYSIOLOGY**

Grade Level	11-12
Prerequisite:	Successful completion of Biology
Length:	1 Year
Period(s) Per Day:	1
Credit:	1
Credit Requirement Fulfilled:	Laboratory Science

Content: Anatomy and Physiology is a course dealing with the structures and functions of the human body and is designed to help students understand normal functions of the human body. Ten different systems of man will be covered in detail.

For Advisement: Anatomy and Physiology is designed to emphasize the structure and function of the human body. The students who wish to pursue careers as nurses, radiologic technologists, nuclear medicine technologists, radiation therapy technologists, medical assistants, sonography technologists, technicians, physical therapists, physical education instructors and mental health professionals will be helped by this course. Pre-medical and Pre-dental students and others in the biological sciences will find this course very helpful.

## **INTRODUCTION TO GENERAL CHEMISTRY WITH LAB**

Grade Level:	11-12 (10th graders who will be taking Algebra II with approval of instructor)
Prerequisite:	1 year of high school math
Length:	1 Year
Period(s) Per Day:	1
Credit:	1
Credit Requirement Fulfilled:	Laboratory Science

Content: Introduction to General Chemistry introduces students to the science of chemistry. The course covers an overview of major chemistry concepts including, but not limited to the following: physical states of matter and its properties, atomic theory, atomic structure, elements, the periodic table, chemical bonding, nomenclature, chemical reactions, stoichiometry, solution chemistry, equilibrium, acid-base chemistry, oxidation-reduction, nuclear chemistry, and organic chemistry. Laboratory work is an integral part of this course, and students are expected to complete all required labs and follow correct lab procedures and safety rules.

For Advisement: The Introduction to General Chemistry course is for students who have an interest in science, medicine, or engineering, or anyone who may be attending college. This course can be taken as dual credit within the Montana University System.



### **COLLEGE CHEMISTRY I WITH LAB**

Grade Level:	11-12
Prerequisite:	Successful Completion of Introduction to General Chemistry with Lab
Length:	1 semester (Fall Semester)
Period(s) Per Day:	2 consecutive
Credit:	1
Credit Requirement Fulfilled:	Laboratory Science

Content: This is the first of a two-semester course sequence about the general principles of modern chemistry taught at the college level. Topics will include: atomic theory, atomic structure, stoichiometry, chemical bonding, the periodic table, equilibria, chemical reactivity, and kinetics. Laboratory work is an integral part of this course, and students are expected to complete all required labs and follow correct lab procedures and safety rules.

For Advisement: College Chemistry I is for students who will pursue a degree in science, medicine, or engineering, or anyone who may be attending college.  
**This course can be taken as dual credit with the Montana University System.**

### **COLLEGE CHEMISTRY II WITH LAB**

Grade Level:	11-12
Prerequisite:	Successful Completion College Chemistry I with Lab
Length:	1 semester (Spring Semester)
Period(s) Per Day:	2 consecutive
Credit:	1
Credit Requirement Fulfilled:	Laboratory Science

Content: This is the second of a two-semester course sequence about the general principles of modern chemistry taught at the college level. Topics will include: properties of solutions, chemical kinetics, aqueous equilibria, thermodynamics, and electrochemistry. Laboratory work is an integral part of this course, and students are expected to complete all required labs and follow correct lab procedures and safety rules.

For Advisement: College Chemistry I is for students who will pursue a degree in science, medicine, or engineering, or anyone who may be attending college.  
**This course can be taken as dual credit with the Montana University System.**

## **BUSINESS EDUCATION DEPARTMENT**

### **APPLIED TECHNOLOGIES**

Grade Level:	9
Length:	1 Semester
Period(s) Per Day:	1
Credit:	1/2
Credit Requirement Fulfilled:	Vocational

*Content:* Applied Technologies has been designed to help you understand computer components and their functions, develop and review keyboarding skills that are essential for the effective use of computers, and to use word processing, spreadsheet, database, and presentation software that is used in the workplace. The internet will also be used for research and to teach safe and effective social networking.

#### *Theme Samples*

1. Keyboarding
2. Computer Applications using Google
3. Digital Citizenship
4. Computer Applications using Microsoft Office
5. Coding

*For Advisement:* This course will explain the impact of computers on society, demonstrate proficiency in keyboarding techniques, speed and accuracy, demonstrate proficiency in basic operating system functions, access useful information on the Internet and discuss computer ethics, security, and privacy. Students are expected to have the technological skills necessary to succeed in their high school courses and potential career choices.

### **PERSONAL FINANCE AND MANAGEMENT**

Grade Level:	9-10-11-12
Length:	1 Semester
Period(s) Per Day:	1
Credit:	1/2
Credit Requirement Fulfilled:	Vocational/Elective

*Content:* As consumer and college debt rises and with the use of online banking, high school students are expected to understand finance and banking skills while in high school and immediately after high school graduation.

This class covers taxes (including the filing of tax forms), budgeting, use of credit, banking services, investing and savings, and how to maintain personal records of income and expenses. This relates to the financial needs of a consumer. Students will be expected to maintain a weekly expense record that will be converted into a semester-long expense record.

For Advisement:

This class is strongly advised to be taken prior to graduation. This class focuses on the financial literacy issues that students will encounter in a lifetime.

### **COMPUTER APPLICATIONS I**

Grade Level: 10-11-12  
Prerequisite: Successful completion of Applied Technologies  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit:  $\frac{1}{2}$   
Credit Requirement Fulfilled: Vocational/Elective

Content:

A literacy-based approach is used to survey the computer and the computer industry. Topics covered include: Microcomputer applications, input, processor, output, auxiliary storage, file and database management, communications, information system life cycle, program development and systems software, and trends, issues and career opportunities in the computer industry. An opportunity for hands-on work with standard software packages including word processors, electronic spreadsheets, database systems, and graphics packages is presented in lab sections.

For Advisement:

This is a Sophomore-Senior level computer class. **This course can be taken as dual credit within the Montana University System.**

### **COMPUTER APPLICATIONS II**

Grade Level: 10-11-12  
Prerequisite: Successful completion of Applied Technology  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit:  $\frac{1}{2}$   
Credit Requirement Fulfilled: Vocational/Elective

Content:

This course is a project-based course covering a wide variety of computer applications such as graphic design, audio manipulation, coding, career development, entrepreneurship concepts and website design. An opportunity for hands-on work with standard software is presented in lab sections.

For Advisement:

This class is a Sophomore-Senior level class for students who are interested in various computer applications.

## **ACCOUNTING**

Grade Level: 11-12  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Vocational/Elective

Content: Students will be taught the accounting cycle and double entry accounting. Various forms such as: ledgers, journals, financial statements, worksheets, and payroll forms. The textbook utilizes a traditional accounting cycle approach to introducing students to new concepts and procedures. This step-by-step development gives students the guidance they look for and clearly demonstrates the continuity and interrelationships of the accounting process. There will be an integration of computerized accounting with both spreadsheets and accounting software.

For Advisement: This class is a Junior-Senior level class for students who are interested in Business minded courses.

## **BUSINESS LAW**

Grade Level: 11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: All social control is regulated through the rule of law; either through expressed or implied situations. Business Law is designed for those students entering a collegiate study of business or for all students looking to understand law through the lens of a consumer. Areas covered are: elements and characteristics of a contract; when contractual capacity occurs and the rights given; the legal rights of a minor; the difference of legal form and legality, how a contract may end; assignment, delegation and breach of a contract, the Law of Sales; warranties; consumer protection; buying and insuring a car, and important legislation such as the Magnusson-Moss Act and Uniform Commercial Code.

For Advisement: This class requires a student to have the ability to research, place what is researched in your own words and in a learned fashion participate in a courtroom-style debate (plaintiff, defendant, or judge) of recent, current ongoing cases. A student must have strong analysis skills in order to decipher and apply case law.

## **MEDIA PRODUCTION I**

Grade Level: 10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1

Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: **Excellent attendance is the basic requirement for this course.** In the first portion of the semester, this class will have a didactic approach through the course textbook as students learn camera safety, types of camera angles and movements, and how to create, design, and author storyboards. Emphasis will shift to a hands-on approach to assigned projects to include an understanding and use of a camera manual. Students will be required to complete a 30-second or one-minute public service announcement of a social concern.

For Advisement: This course incorporates the intention of those students wishing a career in television journalism. Students must be self-starters who possess strong communication, technical ability, and interpersonal skills. Students must be able to work in a less-structured environment and be responsible for expensive camera equipment. Teamwork is a portion of this class and excellent attendance is required.

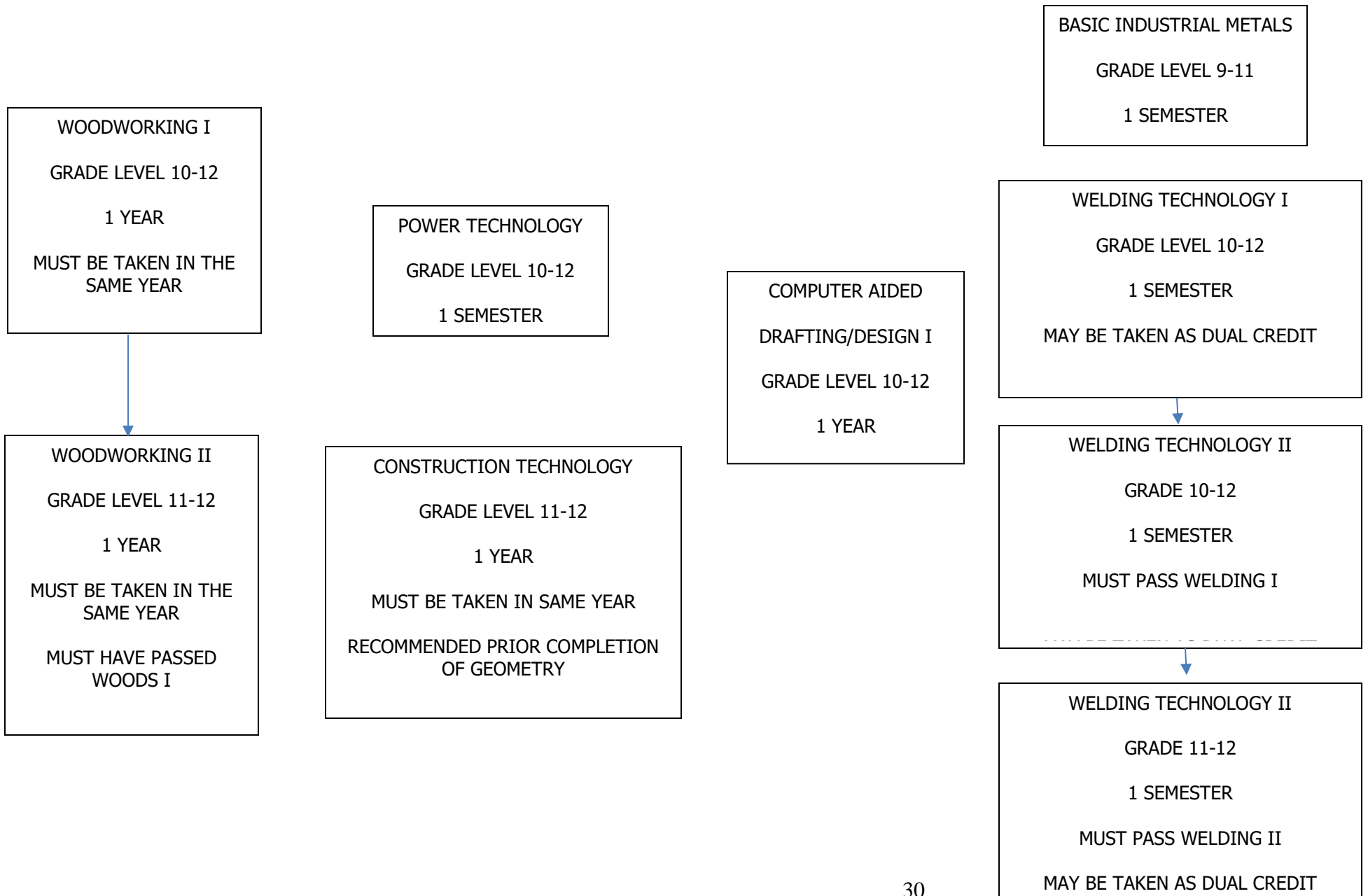
### **MEDIA PRODUCTION II**

Grade Level: 10-11-12  
Prerequisite: Successful completion of Media Productions I  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Elective/ ***Not a vocational course***

Content: **Excellent attendance is the basic requirement for this course.** In the first portion of the semester, this class will have a didactic approach through the course textbook as students learn camera safety, types of camera angles and movements, and how to create, design, and author storyboards. Emphasis will shift to a hands-on approach to assigned projects to include an understanding and use of a camera manual. Students will be required to complete public service announcements of a social concern that are longer than 30-seconds or one-minute. Students will be expected to create shorts/longer projects in a documentary format.

For Advisement: This course incorporates the intention of those students wishing a career in television journalism. Students must be self-starters who possess strong communication, technical ability, and interpersonal skills. Students must be able to work in a less-structured environment and be responsible for expensive camera equipment. Teamwork is a portion of this class though all projects are independent projects and excellent attendance is required.

# TECHNOLOGY EDUCATION DEPARTMENT



## TECHNOLOGY EDUCATION DEPARTMENT

Technology Education deals with tools, materials, and processes of industry. Included in each course is information concerning related occupations.

### **BASIC INDUSTRIAL METALS**

Grade Level: 9-10-11  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: Basic Metals will expose the student to sheet-metal, foundry, and CNC (Computer Numerical Control) machines. Students will spend 6 weeks constructing sheet-metal coupons, heat and air ducting and a tool tray. In foundry, students will ram and pour two casting projects. In CNC, students will write a basic program and machine the part accordingly. Students will be introduced to lost wax casting process.

For Advisement: This course is designed for students who want to explore the area of metals.

### **CONSTRUCTION TECHNOLOGY**

Grade Level: 11-12  
Prerequisite: Must take semester in sequence. Successful completion of Geometry is strongly suggested. Woods 1 is a great preparation course.  
Length: 1 Year  
Period(s) Per Day: 1  
Credit: 1  
Credit Requirement Fulfilled: Vocational/Elective

Content: Students will develop lifelong working habits and a strong respect for safety in a working environment. Employability skills such as: work ethic, punctuality, teamwork, problem solving and showing pride in your work are emphasized. Using a hands-on problem solving and project-oriented approach, students will gain knowledge and build skills in operating power tools while learning proper procedures and techniques related to the building construction industry. Main topics include:

First Semester: power tool operation and safety, site preparation, concrete, wall, floor, and roof framing, estimating, residential building design and construction. Second Semester: plumbing, house wiring, heating and air conditioning, energy conservation and alternative forms of energy, cabinet making, and shed construction.

For Advisement:

This course is for young women and men who are interested in working with power tools and may be interested in pursuing a career in the construction industry. A good foundation in math is recommended, students will make building calculations and detailed material cost estimates with precise measurements.

### **WOODS I**

Grade Level:

10-11-12

Prerequisite:

Must take semester in sequence and must pass 1st semester safety requirements to continue.

Length:

1 Year

Period(s) Per Day:

1

Credit:

1

Credit Requirement Fulfilled:

Vocational/Elective

Career Tracking:

Woodworker, carpenter, cabinet maker, draftsman, furniture designer, craftsman, artist, graphic designer, CNC machinist

Content:

Students will develop lifelong working habits and a strong respect for safety in a working environment. Employability skills such as: work ethic, punctuality, teamwork, problem solving and showing pride in your work are emphasized. Students will learn techniques to safely operate the following: hand tools, table saw, joiner, planer, power miter saw, router, drills, lathe, stationery, and hand sanders. They will be taught about commonly used building materials, wood species, fasteners, and wood properties. Students will gain experience using several types of wood finish. Modern technology and graphic design programs will be used to enhance student projects via CNC and/or laser engraving. Students will gain practical experience developing a project from start to finish. Grades will be based on safety tests, unit quizzes, weekly progress, employability skills, and the student's ability to design, make precise measurements, add/subtract fractions, calculate materials/cost, and write a plan of procedure. Emphasis is placed on work habits and the completion of their projects. Class will not be offered virtually.

For Advisement:

Students will not be allowed to work with machinery until all required safety tests have been passed, corrected, filed and proper skills are demonstrated to the instructor. Poor attendance will make this improbable. The student **MUST** provide or purchase from the school inventory the materials for all projects that are taken from the school building. For students that do not provide materials, skill demonstrating labs will be assigned. Safety glasses and proper shop clothing must also be provided.

### **WOODS II**

Grade Level:

11-12

Prerequisite:

Successful completion of Woods I. Must take semester in sequence.

Length:

1 Year

Period(s) Per Day:

1

Credit:

1



Credit Requirement Fulfilled:	Vocational/Elective
Career Tracking:	Woodworker, carpenter, cabinet maker, draftsman, furniture designer, craftsman, artist, graphic designer, CNC machinist
Content:	Woods II is for the enthusiastic woodworker who excelled in Woods I. Woods II students will be refreshed on all safety tests and be taught more advanced techniques on the maintenance and calibration of the shop equipment. Woods II students will be held to a higher standard in all employability skill areas. More challenging woodworking techniques and methods such as cabinetmaking will be taught, and a more independent building process is promoted. Class will not be offered virtually.
For Advisement:	Students will not be allowed to work with machinery until all required safety tests have been passed, corrected, filed and proper skills are demonstrated to the instructor. Poor attendance will make this improbable. The student <b>MUST</b> provide or purchase from school inventory the materials for all projects that are taken from the school building. For students that do not provide materials, skill demonstrating labs will be assigned. Safety glasses and proper shop clothing must also be provided.

### **WELDING TECHNOLOGY I**

Grade Level:	10 -11-12
Prerequisite:	Successful completion of Basic Industrial Metals
Length:	1 Semester
Period(s) Per Day:	1
Credit:	1/2
Credit Requirement Fulfilled:	Vocational/Elective
Content:	The course is designed as an introduction to arc welding, MIG (wire feed), and oxyacetylene welding practices. Emphasis is placed on skill development and safe use of all welding equipment. Related information on welding symbols, electrode selection, and metallurgy are integrated with the practical lab work. <b>Students must purchase gloves, welding goggles, pliers, and safety glasses.</b>
For Advisement:	For students with high interest in welding. <b>This course can be taken as dual credit with WLDG 110-111 within the Montana State University System. Must receive a "B" of better to qualify.</b>

### **WELDING TECHNOLOGY II**

Grade Level:	10-11-12
Prerequisite:	Successful completion of Welding I
Length:	1 Semester
Period(s) Per Day:	1

Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: Advanced skills in Oxyacetylene and Arc Welding with experience in the use of MIG and TIG welding and equipment maintenance are taught. Related information to hard facing and welding certification is integrated with the practical lab work. An introduction to welding fabrication is provided with the use of jigs and fixtures. **Projects will be at the students' expense. Welding helmet, safety glasses, welding goggles, gloves, coat, tape measure, and pliers are required.**

For Advisement: Class is strongly recommended for any student who is college bound and has a good command of basic Welding techniques. **This course can be taken as dual credit with WLDG 110-111 within the Montana State University System. Must receive a "B" of better to qualify.**

### **WELDING TECHNOLOGY III**

Grade Level: 11-12  
Prerequisite: Successful completion of Welding II  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: Theory and safe operation of shielded metal arc welding of carbon steel on plate in all positions to industry standards. Visual inspection and destructive testing used to determine acceptability based upon industry standards (American Welding Society-Structural Welding Code- Steel). Shielded metal arc welding power sources and electrodes covered in depth for all welding positions of horizontal, vertical, and overhead. Materials are fabricated or shaped using mechanical plate shears and thermal cutting techniques. Thermal cutting techniques are examined relative to theory of operation and safe practices using oxy-acetylene and plasma cutting techniques.

For Advisement: Class is strongly recommended for any student who is college bound and has a good command of basic Welding techniques. This course can be taken as dual credit with WLDG 180 within the Montana State University System. Must receive a "B" or better to qualify.

### **COMPUTER AIDED DRAFTING/ DESIGN I (CADD)**

Grade Level: 10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Career Tracking: Aerospace, architectural, civil, electrical, and mechanical engineering;

interior designers, drafting technicians, computer graphics, woodworker, machinist.

Content:

Precise Measurement and math skills are emphasized throughout this course. Using the hands-on approach, students begin developing a foundation with mechanical drafting skills. This course introduces line types and weights, lettering, dimensioning, orthographic and isometric views. Students will investigate the history of CADD, common applications, along with different types of software used in industry today. Architectural blueprints, 3D modeling, and rendering will be introduced. The semester will end with Computer Aided Manufacturing lab work to demonstrate multiple CAD applications.

For Advisement:

Due to specialty drafting equipment, lab access, and professional CAD software being used throughout the curriculum, most assignments must be completed during class time. Consistent attendance and efficient use of class time are essential to gaining proficiency.

### **POWER TECHNOLOGY**

Grade Level:

10-11-12

Prerequisite:

Transportation and Communication recommended prior

Length:

1 Semester

Period(s) Per Day:

1

Credit:

1/2

Credit Requirement Fulfilled:

Vocational/Elective

Content:

This course is an introduction to electricity/electronics. Students will solve problems and build skills in constructing and analyzing circuits. Students will learn basic electrical theory and principles. Students will be able to identify electrical components and build working circuits. Students will learn circuit board soldering techniques and the operation of diagnostic equipment and instruments. Students will learn about common residential wiring and build related circuits. Electrical power generation will also be studied.

For Advisement:

This course is for young women and men who are interested in working with electronic circuits and electronic equipment and who may be interested in pursuing a career in the electronics industry which includes both the civilian and military sectors. Material covered in this course will be a great help to students who wish to major in electricity/electronics engineering, electronics technology, or computer science.

This course will be available for remote learning students. Remote students will be required to pick up needed materials and electronic supplies and bring them back before the course ends.

## **SMALL ENGINES**

Grade Level: 9-10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: Small Engines is an introductory course to the systems that harness power in our technical society. Emphasis is on the mechanical processes of two and four stroke engines. Students will develop the skills and knowledge of identification, disassembly, inspection, repair, and operation of a wide variety of mechanically driven engines. Students will be required to build three small engines. Students will be responsible for the purchasing and ordering of spare parts needed to complete their live engine projects.

For Advisement: This course is designed for students who want an understanding of how engines work or for students wishing to pursue a career in auto mechanics. Students must pass this course and have teacher approval to take Auto Engines.

This course will be available for remote learning students. Remote students will need access to basic hand tools and a workspace at home. Remote students will be required to pick up and bring back small engines and other supplies multiple times throughout the course.

## **AUTO ENGINES**

Grade Level: 11-12 (10<sup>th</sup> graders with approval of instructor)  
Prerequisite: Successful completion of Small Engines  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: Automotive Engines is an introductory course to motor vehicle gas engines. It will cover the study of shop safety and tools used for engine overhaul. The students will also learn about the cooling and lubrication systems and proper maintenance of these systems. Students will explore the charging and starting systems for these engines. It also teaches some machine work and measuring instruments used during the machining process. Each student will disassemble and assemble one automotive engine in the lab environment.

For Advisement: This course is for young men and women who are interested in working in an automotive related field, or for those who want to know more about

the mechanical processes, and how an internal combustion engine works. Students must pass this class and have teacher approval to take Automotive Technology. This course will not be available for remote learning students.

### **AUTOMOTIVE TECHNOLOGY**

Grade Level: 11-12  
Prerequisite: Successful completion of Small Engines and Automotive Engines  
Length: 1 Year  
Period(s) Per Day: 2  
Credit: 2  
Credit Requirement Fulfilled: Vocational/Elective

Content: This course will give instruction on shop safety, shop layout, automotive/diesel careers, tools and tool safety, power train diagnostics, OBD II diagnostics and system operations, scan tool and waveform meter usages, steering and suspension systems, alignment, A/C systems, brake systems, manual drivetrains and axles, automatic transmissions, and electrical systems of a motor vehicle. Through lectures, lab time, and written work the students will gain knowledge and demonstrate skills of how these systems operate, and the diagnosis and repair of these systems.

For Advisement: This class is primarily for students who wish to enter the profession, or continue post-secondary education, in automotive technology. Students MUST have teacher approval to remain in class for 2nd Semester. This course will not be available for remote learning students.

## **AGRICULTURE EDUCATION DEPARTMENT**

### **INTRODUCTION TO AGRICULTURE**

Grade Level: 9-12  
Length: 1 Semester  
Periods per day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: Introduction to Agriculture will cover a variety of topics to teach the basics of agricultural practices and skills that will be used in a career setting. Agriculture is an integral part of our modern society so we will look at basics of animal science, plant science, and local Montana agriculture. We will also develop personal skills such as independent

thinking, communicating in formal settings, team work, and problem solving, with a focus on a parliamentary procedure unit.

For Advertisement:

Students interested in learning about where their food and resources come from as well as developing personal skills should take this course. This is the basis for all other agricultural classes. Students in this class should be prepared to collaborate with others and share out in class.

### **PLANT AND ANIMAL SCIENCE**

Grade Level: 10-12  
Prerequisite: Successful completion of Introduction to Agriculture  
Length: 1 Year  
Periods per day: 1  
Credit: 1  
Credit Requirement Fulfilled: Vocational/Elective

Content: This course follows the completion of Introduction to Agriculture and expands on topics touched upon in that course. First semester covers topics related to plant science such as soil, plant parts, propagation, floral design, and crop science. Second semester covers animal science topics such as livestock evaluation and handling, animal nutrition, anatomy, reproduction, and veterinary basics.

For Advertisement:

For students that have completed Introduction to Agriculture and are interested in expanding their knowledge of plant and animal systems related to agriculture.

### **ADVANCED AGRICULTURE**

Grade Level: 11-12  
Prerequisite: Successful completion of Plant and Animal Science or Biology  
Length: 1 Year  
Periods per day: 1  
Credit: 1  
Credit Requirement Fulfilled: Vocational/Elective

Content: Students will go more in depth on industries within agriculture and continue to develop their personal skills. We will look at the farm to table process and factors within that, especially looking at imports and exports both in Montana and in the United States. Students will cover topics related to food and meat science, a variety of natural resources related to agriculture production, and machinery. Personal skills will also be developed throughout the course such as working independently, researching topics, collaborating with classmates, and communicating in formal ways to become a better advocate for agriculture.

For Advertisement:

Building off of knowledge in Plant and Animal Science, this course explores industries related to agriculture and production practices.

### **AG BUSINESS**

Grade Level: 12  
Prerequisite: Successful completion of previous Ag Courses  
Length: Semester  
Periods per day: 1  
Credit: 1/2

Credit Requirement Fulfilled: Vocational/Elective

Content: Students will learn about business basics such as budgeting, marketing, and decision making related to business operations. We will cover topics related to financials such as investment strategies, basic economics, and personal finance skills. Students will prepare to exit high school by building their financial independence and literacy as well as put together a career portfolio to use when applying for jobs.

### **AG LEADERSHIP**

Grade Level: 12  
Prerequisite: Previous Ag Courses  
Length: Semester  
Periods per day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: Course helps students to find their personal leadership style and strengths. They go through a series of activities and reflections to discover how they can be impactful as a leader. We then go through topics of servant leadership and how they can have a positive influence on others and in their communities. We work on developing skills that students will use in a career setting and help to refine personal skills that will benefit their future endeavors.

## **FAMILY AND CONSUMER SCIENCE DEPARTMENT**

### **FOODS AND HOUSING**

Grade Level: 9-10 (11-12 accepted)  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Vocational/Elective

Content: This class is designed to give an overview of two areas of Family and Consumer Science:

1. Foods – Nutrition, meal planning, and preparation of food.
2. Housing – Use consumer skills to make decisions about housing, budgeting, and maintaining clothing.

This class is designed for students who want to learn life skills that will support their future decisions for family living and career preparation.

### **APPAREL & TEXTILES**

Grade Level: 9-10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: Vocational/Elective

Content: This class gives students the opportunity to learn about fibers, fabrics and sewing techniques. Students will use a sewing machine and a serger to learn basic sewing construction skills on individual projects. Students will sew two items and do a recycle or a repair project with clothes.

1. Potholder / pillowcase
2. Item of your choice
3. Repair / recycle project

Students must purchase their sewing project materials.

### **INDEPENDENT LIVING**

Grade Level: 10-11-12  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½  
Credit Requirement Fulfilled: Vocational/Elective

Content: This semester course offers practical information on the challenges of independent living. Four major areas will be covered:

1. LIVING ON YOUR OWN – budgeting, money management, and choosing places to live.
2. SEWING – Basic sewing construction, clothing care and repair.
3. FOODS - basic food preparation, meal planning, and shopping.
4. INTERPERSONAL SKILLS - personal development, relationships, lifestyles, and communication skills for careers.

For Advisement: This course will help students prepare for living independently. The class is designed for students who have not taken any other Family and Consumer Sciences courses and want to learn about necessary skills for living on their own.

### **HOUSING & INTERIOR DESIGN**

Grade Level: 9-10-11-12  
Prerequisite: Recommend taking Foods & Housing prior to this course  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: ½



Credit Requirement Fulfilled: Vocational/Elective

Content: This class explores the effect that housing has on the quality of life for individuals based on their needs and values. Elements and principles of design are studied as the foundation for creating interior living and workspaces to meet specific needs.

This class also will explore career paths within the housing and interior design industries.

For Advisement: This class will benefit students interested in careers that are related to art, architecture, interior design, real estate, and housing construction.

### **CULINARY ARTS**

Grade Level: 9-10-11-12

Prerequisite: Successful completion of Foods & Housing

Length: 1 Semester

Period(s) Per Day: 1

Credit: 1/2

Credit Requirement Fulfilled: Vocational/Elective

Content: In this advanced foods class, students investigate the science of nutrition and learn advanced skills in food preparation, meal planning, wise consumer management, and practice critical evaluation of food products.

For Advisement: This course will benefit the student who enjoys challenging food preparation with an emphasis on more advanced culinary concepts. Anyone planning a career in Dietetics, or the Food Service Industry would benefit from this course.

### **CHILD DEVELOPMENT AND PARENTING**

Grade Level: 10-11-12

Length: 1 Semester

Period(s) Per Day: 1

Credit: 1/2

Credit Requirement Fulfilled: Vocational/Elective

Content: This course provides students with core information about child development and childcare techniques that support the varied needs of children. Topics covered include prenatal and infant care, ages and stages of child development, appropriate child guidance strategies, early childhood health and safety issues, and signs of child abuse.

For Advisement: Students considering careers working with children and their families (teachers, social workers, doctors, counselors, etc.) will benefit from this class.

## ART DEPARTMENT

### **ART I**

Grade Level:	9, 10, 11, 12
Prerequisite:	A desire to develop drawing skills and work with various 2-D mediums.
Length:	1 Semester
Periods Per Day:	1
Credit:	1/2
Credit Requirement Fulfilled:	Fine Art Elective

**Content:** Art I is designed for beginning art students who wish to develop skills in the basics of drawing, color theory, and composition. Students are encouraged to enroll as underclassmen to take advantage of the four-year Art continuum at HHS. Art I will encompass basic drawing skills, an understanding of the Elements of Art, as well as experimenting with various art mediums in two-dimensional form. Students will learn to investigate, practice through experimentation, and dedicate themselves to developing techniques and processes using various 2D mediums.

**For Advisement:** Underclassmen (9-10) are encouraged to enroll in Art I to gain exposure to the Arts and have the ability to work their way through the Art progression at Havre High School. Art I is the building block to take four (4) years of Art in High School and prepare students to enter a post-secondary education in the Arts. Students with an interest in the Arts should definitely take Art I as early as they can in their high school career.

### **ART II**

Grade Level:	10, 11, 12
Prerequisite:	Successful completion of Art I is required. Must take semesters in sequence.
Length:	1 Year
Periods Per Day:	1
Credit:	1
Credit Requirement Fulfilled:	Fine Art Elective

**Content:** Art II is the second step in the Art Program at Havre High. The class is designed to expose students to the Elements of Art and Principles of Design; allowing students to develop an understanding of how these Elements and Principles interact together to create aesthetically pleasing artwork. Students will be exposed to various 2-D mediums; developing artistic techniques through practice, experimentation, and creation of original art. Students will develop skills in drawing, painting, pastel, and collage. Students will investigate and inquire how artists impact the world and use Art to communicate their ideas. Students will develop a vocabulary to effectively communicate their reactions towards art through art criticism and self-reflection.

For Advisement:

Students who enjoyed were successful in Art I are encouraged to take Art II the following year. Students will build upon the skills learned in Art I and be exposed to other mediums of 2D Art. Sophomores taking Art II will have the opportunity to complete the Art progression at Havre High School. Students with an interest in Art at the post-secondary level should be encouraged to take Art II as sophomores.

### **ART III**

Grade Level:

11-12

Prerequisite:

Successful completion of Art I and Art II is required.

Length:

1 Year

Periods Per Day:

1

Credit:

1

Credit Requirement Fulfilled:

Fine Art Elective

Content:

Art III is designed for the serious-minded student of art. Students will develop an avenue for personal expression and style through exposure to various mediums of 2-D and 3-D Art and Design. Emphasis will be placed on inquiry and investigation through practice, experimentation, and revision of artworks. Students will work to develop an understanding of the Elements of Art and Principles of Design and how they work together to create aesthetically pleasing artwork. Students will explore the mediums of drawing, painting, pastel, collage, printmaking, computer generated work, and sculpture. Students will develop their artists' vocabulary to discuss and communicate how they respond to art through self-reflection and art criticism. Career possibilities will be explored in the following areas: commercial art, graphic design, teaching fine art, the history of art, and professional art related fields.

For Advisement:

Students who found success in Art II should enroll in Art III the following year. Students will inquire, investigate, experiment, and create Art as they work their way through the Art progression at Havre High School. Students with an interest in Art at the post-secondary level should be encouraged to take Art III as juniors.

### **ART IV**

Grade Level:

12

Prerequisite:

Successful completion of Art I, Art II, and Art III is required.

Length:

1 Year

Periods Per Day:

1

Credit:

1

Credit Requirement Fulfilled:

Fine Art Elective

Content:

Art IV is designed to prepare the serious-minded student of Art to pursue their passions and interests at the post-secondary level. The goal of the course is to allow artists to flourish in their medium/s of choice;

developing techniques and processes through repeated approaches and attempts at artworks within a specific medium.

Art IV students will follow the AP Art and Design Framework composed of course skills, big ideas, essential questions and enduring understandings, learning objectives, and essential knowledge statements throughout the year. Students will inquire, investigate, practice through experimentation, and revise their artwork as they create an Artists Portfolio. The Portfolio will consist of twenty (20) completed original works over the course of the year, which are prepped and captured digitally.

For Advisement:

Students who found success in Art III should enroll in Art IV as Seniors. Students will work in studio to create an Artist's Portfolio of 20 original works throughout the year. Students with an interest in Art at the post-secondary level should take Art IV as seniors.

Students enrolled in the course will have the option of applying online for one, two, or three of the AP Portfolio Options; AP 2-D Art & Design, AP 3-D Art & Design, or AP Drawing. Each AP Option consists of submitting a Portfolio and taking the Portfolio Exam. Students must enroll in the AP Option online and make a financial commitment before the Fall deadline. Students scoring a 3 or higher on the Portfolio and Portfolio Exam may qualify for college credit, depending on the specific university. (See AP website for information)

### **ARTS & CRAFTS I**

Grade Level: 9, 10, 11, 12  
Length: 1 Semester  
Periods Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Fine Art Elective

Content:

Arts & Crafts I is designed for students who have a passion for creation but may not have a strong background in 2D mediums such as drawing, painting, and pastels. Students will learn the processes of various craft methods from processes and techniques to clean up and presentation. Students will develop hands-on skills in various types of crafts; gaining a basic understanding of design and color theory and how it relates to each craft medium. Students will study the history of each Art form and then attempt to create their own crafts in the selected medium. Students are encouraged to make a personal connection to their planning process and create art which reflects their life.

For Advisement:

Arts & Crafts I is a great course for upperclassmen looking to fulfill ½ of a Fine Arts Elective credit. The course is a prerequisite required to take Arts & Crafts II or Pottery. It is also a good course for students who enjoy the Craft Arts versus the fine arts of drawing, painting, and pastels.

Arts & Crafts I is a hands-on studio-based course. Students will be provided aprons, gloves, and safety goggles, when necessary, but the course is still messy and uses tools which are dangerous if used

improperly. Students will learn safety protocol and procedures, but odds are they may still get dirty or cut. Students work with their hands in clay, use melted hot wax, carve with Exacto knives, soak cloth in clothing dyes, cut and grind glass, and use grout. Students must be willing to work hands on, get a little dirty, and enjoy the processes of creating in the studio.

## **ARTS & CRAFTS II**

Grade Level: 11, 12 or with teacher approval  
Prerequisite: Students must have successfully completed Arts & Crafts I.  
Length: 1 Semester  
Periods Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Fine Art Elective

Content: Arts & Crafts II is designed for students who found success and enjoyed the challenge of the hands-on projects in Arts and Crafts I and wish to continue to develop their skills in the making of Craft Arts. Students will research, experiment, and refine techniques in various craft mediums; exploring the Elements of Art and Principles of Design to create aesthetically pleasing artworks. Students will refine skills in pottery and mosaics as well as be introduced to stained glass, 3D sculpture, silk screening, printmaking, and beading. Students will be exposed to how Craft Arts can become hobbies and professions; exploring the Art of local, regional, and global craft artisans to gain a deeper appreciation for Crafts.

For Advisement: Arts & Crafts II should be recommended for Upperclassmen (11-12), as the projects require more advanced skills and disciplined focus. Students who were successful in Arts & Crafts I should be encouraged to enroll in Arts & Crafts II to gain exposure to other Craft Arts. Students will create Craft Arts which could become hobbies or professions later in life.

Arts & Crafts II is a hands-on Studio based course. Students will be provided aprons, gloves, and safety goggles, when necessary, but the course is still messy and uses tools which are dangerous if used improperly. Students will learn safety protocol and procedures, but odds are they may still get dirty or cut. Students work with their hands in clay, use melted hot wax, carve with Exacto knives, soak cloth in clothing dyes, cut and grind glass, use grout, and use a soldering iron in stained glass. Students must be willing and capable to work hands on, get a little dirty, and enjoy the processes of creating in the studio.

## **POTTERY**

Grade Level: 11, 12 or with teacher approval

Prerequisite: Students must have successfully completed Arts & Crafts I.  
Length: 1 Semester  
Periods Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Fine Art Elective

Content: Pottery is an advanced study of working with clay in the studio. Students who were successful and enjoyed the Pottery Unit in Arts & Crafts I will love the in-depth look at the history and science of pottery in the pottery studio. Students will learn every step in the potter's studio; prepping clay, wedging, hand building, throwing on the wheel, sculpture, the various techniques of glazing, and the firing processes. Students will research alternate techniques used by potters around the globe to develop their own style and approach to creating pottery. Students will be required to produce 20 wares by the end of the semester; documenting their progress in a potter's journal to demonstrate their growth throughout the semester.

For Advisement: Upperclassmen (11-12) who enjoyed pottery in Arts & Crafts I should be encouraged to enroll in Pottery as the course is designed to be self-paced while students produce pottery in class. Students who enjoy hands-on Art, but not drawing or painting, will enjoy the studio-based course working hands on daily to create a portfolio of Pottery wares.

Pottery is a "hands in clay, nearly every day" Studio based course. Students will be provided aprons, but the course is still messy, and students will get clay on their clothing. Students must be willing and capable to work hands on, get a little dirty, and enjoy the processes of creating in the studio.

## HEALTH & PHYSICAL EDUCATION DEPARTMENT

### **HEALTH ENHANCEMENT 9**

Grade Level: 9  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Health Enhancement/first 2 credit of the 1 credit requirement - **a MUST pass course.**

Content: Emphasis is on physical fitness, social, mental, physical, and emotional skill development and health education.

### **HEALTH ENHANCEMENT 10**

Grade Level: 10

Prerequisite: Successful completion of Health Enhancement 9  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Health Enhancement/second 2 credit of 1 credit requirement - **a MUST pass course.**

Content: Emphasis is on more advanced skills, teamwork, leisure time activities, physical fitness and health education.

**PHYSICAL CONDITIONING**

**DOES NOT COUNT IN GPA**

Grade Level: 9-10-11-12  
Prerequisite: **In order to re-enroll in a Physical Conditioning class, students must have earned a B or better during their previous Physical Conditioning class.**

Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Elective

Content: Involves the development of strength, flexibility, muscle tone, quickness and overall cardiovascular development. Includes calisthenics, upper and lower body workouts, plyometrics, and running.

Participation and Completion: Cannot take Physical Conditioning at the same time as Health Enhancement.

**PHYSICAL CONDITIONING II**

**DOES NOT COUNT IN GPA**

Grade Level: 10- 12  
Prerequisite: Completion of physical conditioning class with a passing grade of B or higher.

Length: 1 Semester  
Periods of Day: 1  
Credit: 1/2  
Credit Requirement: Elective

Requirements: You must dress in appropriate training clothing that includes tied training shoes, shorts, sweatpants, workout pants, shirt, sweatshirt, and hair ties.

Content: This includes but not limited to Olympic lifting, medicine ball training, TRX suspension training, circuit training, plyometric training, Vertimax training, sprint mechanics, body weight exercises, core workouts, dynamic motor movements and flexibility, hurdle drills, static stretching, Yoga, aerobic capacity running, change of direction drills, and agility drills.

Participation and Completion: Participation and completion of the prescribed activities is paramount. If you choose not to participate or are habitual in non-completion in the

activities, after three times you will be removed from the class and placed in a study hall while losing full credit for the class.

### **LIFETIME & RECREATIONAL SPORTS**

Grade Level: 11-12  
Prerequisite: Successful completion of Health Enhancement 9 and Health Enhancement 10.  
Length: 1 Semester  
Period(s) Per Day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Elective

Content: This elective physical education class will introduce students to sports and activities that they can participate in for their entire life. The course will focus on terminology, rules, skills, and strategies of the following activities: archery, fly/spin fishing, swimming, mountaineering & hiking, biking, canoeing, golf, tennis, yoga, and dance.

## **MUSIC DEPARTMENT**

### **PONY BAND**

Grade Level: 9-12 (NOTE: Freshmen and sophomore percussionists must enroll in intermediate percussion).  
Length: 1 Year  
Period(s) per day: 1 - plus additional rehearsals for Marching Band, sectionals, and small ensembles.  
Credit: 1  
Credit Requirement Fulfilled: Fine Art

Content: Pony Band is for anyone who is interested in learning a new instrument or joining band. Beginner fundamentals followed by performance techniques are covered in this class.

### **CONCERT BAND**

Grade Level: 9-12 (NOTE:10-12 grade percussion students are encouraged to enroll in intermediate or advanced percussion classes).  
Prerequisite: Prior participation in band and on a band instrument/Consent of instructor  
Length: 1 Year  
Period(s) per day: 1 - plus additional rehearsals for Marching Band, sectionals, and small ensembles.  
Credit: 1  
Credit Requirement Fulfilled: Fine Art

Content: There are no requirements other than those listed in prerequisites. This band stresses performance and basic playing skills.

### **SYMPHONIC BAND**



Grade Level: 9-12  
Prerequisite: Consent of instructor/Successful Audition.  
Length: 1 Year  
Period(s) per day: 1 plus additional rehearsals for Marching Band, sectionals and small ensembles  
Credit: 1  
Credit Requirement Fulfilled: Fine Art  
Content: Criteria for selection will include instrumentation, ability, effort, and maturity. Symphonic Band is basically a performance-oriented organization presenting the very best in traditional and contemporary band literature.

### **INTERMEDIATE PERCUSSION ENSEMBLE**

Grade Level: 9-10  
Prerequisite: Prior participation in middle school or high school band or consent of instructor.  
Length: 1 Year or 1/2 year  
Period(s) per day: 1  
Credit: 1 or 1/2  
Credit Requirement Fulfilled: Fine Art  
Required Equipment: 3 - ring binder, stick bag with sticks and mallets and a practice pad (see instructor for more info)  
Content: This course is a requirement of percussion students entering their first or second year in high school band. Class sessions will cover basic snare and mallet technique, reading rhythms, learning the 40 rudiments endorsed by the Percussive Arts Society, learning and mastering all major scales, and other necessary percussion techniques. Students will rehearse marching band music and cadences, percussion parts for performance with the wind bands, percussion ensemble music, and Winter Drum line shows.

### **ADVANCED PERCUSSION**

Grade Level: 11-12  
Prerequisite: 2 years in high school percussion.  
Length: 1 Year  
Period(s) per day: 1  
Credit: 1  
Credit Requirement Fulfilled: Fine Art  
Required Equipment: 3 - ring binder, stick bag with sticks and mallets and a practice pad (see instructor for more info)  
Content: This course is a requirement for percussion students entering their third or fourth year of high school band. Class sessions will consist of mastering stick and two-mallet techniques and will also include learning

four-mallet techniques. Students will be drilled in reading rhythms in mixed meters, identifying and mastering the 40 rudiments endorsed by the Percussive Arts Society, mastering all minor and jazz scales, and mastering all other necessary percussion techniques. Students will rehearse marching band music and cadences, percussion parts for performance with the wind bands, percussion ensemble music, and Winter Drum line shows.

### **BEGINNING GUITAR**

Grade Level: 9-10-11-12  
Prerequisite: Student MUST have access to an Acoustic Guitar.  
Length: 1 Semester  
Period(s) per day: 1  
Credit: ½  
Credit Requirement Fulfilled: Fine Art

Content: This is a course designed for students interested in learning to play the guitar. No previous musical experience is necessary. The course teaches students to read standard music notation, tablature, and chords. Students will learn guitar skills like strumming, picking, and accompanying themselves and/or others on the guitar.

### **EXPRESSIONS**

Grade Level: 10-11-12  
Prerequisite: By audition  
Length: 1 Year  
Period(s) per day: 1  
Credit: 1  
Credit Requirement Fulfilled: Fine Art

Content: Female students and students with voices in the treble range may audition for this choir. Expressions performs a variety of choral music. We will focus on developing sight-singing skills and vocal techniques.

For Advisement: This choir is for:  
1. Students who want to sing in an advanced treble choir.  
2. Students who wish to gain singing experience to successfully audition for A Cappella Choir.

### **BASS CHOIR**

Grade Level: 9-10-11-12  
Length: 1 Year  
Period(s) per day: 1  
Credit: 1  
Credit Requirement Fulfilled: Fine Art

Content: This choir is open to male students and students with voices in the bass clef range. Bass Choir performs a variety of choral music. We will focus

on developing sight-singing skills and vocal techniques.

For Advisement:

This choir is for:

- ✓ Freshmen tenor and bass singers
- And/Or:
- ✓ Students who do not wish to audition for a choir
  - ✓ Students who wish to gain singing experience to successfully audition for A Cappella Choir
  - ✓ Students who want to sing in bass choir.

### **TREBLE CHOIR**

Grade Level: 9-10-11-12  
Length: 1 Year  
Period(s) per day: 1  
Credit: 1  
Credit Requirement Fulfilled: Fine Art

Content: This choir is open to female students and students with voice in the treble range. Treble Choir performs a variety of choral music. We will focus on developing sight-singing skills and vocal techniques.

For Advisement:

This choir is for:

- ✓ Freshmen sopranos and altos
- And/Or:
- ✓ Students who do not wish to audition for a choir.
  - ✓ Students who wish to gain singing experience to
  - ✓ Successfully audition for Expressions
  - ✓ Students wishing to sing in treble choir.

### **A CAPPELLA CHOIR**

Grade Level: 10-11-12  
Prerequisite: By Audition  
Length: 1 Year  
Period(s) per day: 1  
Credit: 1  
Credit Requirement Fulfilled: Fine Art

Content: Students with previous singing experience may audition for A Cappella Choir. We perform a variety of challenging and rewarding choral music. We will focus on developing sight-singing skills and vocal techniques.

For Advisement:

This choir is for:

- ✓ Students who want to perform advanced choral music.
- ✓ Students who want to sing in a mixed ensemble (bass and treble voices).

### **PIANO**

Grade Level: 9-10-11- 12  
Length: 1 semester  
Period(s) per day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Fine Art/Elective

Content: Piano is an elective class that any student can take. Whether a student is a beginner or intermediate piano player, this class will provide them with opportunities to build their skills. Students will study piano music from a variety of styles and eras. Students will learn how to read, write, and perform music notation and chord symbols. Students will pick out melodies by ear and improvise simple melodies and chord progressions. We will use a combination of group lessons and individual practice time. Students must use practice time wisely, as they must demonstrate improvement on a weekly basis via playing for the teacher (but not in front of the class).

### **STUDENT TUTOR**

Grade Level: **12 ONLY**  
Prerequisite: **Student MUST have a 3.0 or better GPA**  
Length: 1 Semester  
Period(s) per day: 1  
Credit: 1/2  
Credit Requirement Fulfilled: Elective

Content: Students who choose to take this course **MUST** have approval from the department that they would like to be a tutor for, along with the subjects qualified to tutor. The student will be located in the tutors' room during a specific period. The clients for the tutor are all students in that class. Enrollment is contingent upon sustained performance as an active tutor. GRADING WILL BE PASS/FAIL ONLY.

## **TRAFFIC EDUCATION**

Traffic Education is not offered as part of the daily schedule. Traffic Education is offered as a summer program. One session is offered in the summer in June. Total class time amounts to 60 hours. The student will attend 42 hours of classroom instruction, 12 hours in-automobile observation and 6 hours behind-the-wheel. Completion of Traffic Education will be shown on the student's transcript with a grade of Pass or Fail and 1/4 credit will be earned for a Pass.

## **LIBRARY MEDIA CENTER**

The Library Media Center gathers and provides access to materials that serve the educational, recreational, and informational needs of our students and staff, particularly as those needs relate to the curriculum and a choice of career. Students may use the facility to gather information, access on-line programs, use computer software, read, and view materials as individuals or with class groups. The library makes every effort to provide materials representing as many points of view as possible to stimulate individual inquiry and critical thinking. Library personnel work with classroom teachers and with individual students to promote learning.

Student assistants volunteer their time to handle student check-in, display newspapers and magazines, circulate and shelve materials, or set-up displays in the library. Students work in the Lab helping students and doing routine maintenance procedures.

## **COUNSELING CENTER**

The Counseling Centers mission is to serve students. Among the services available are career and educational guidance, referrals to agencies such as Family Services, Job Service, Mental Health, Vocational Rehabilitation, and others. Students use the Counseling Center to obtain information about jobs, schools, financial assistance, class schedules, activities and more. Students use the Counseling Center because they need help with important decisions. But, whatever the reason, the doors of the Counseling Center are always open to serve the students at Havre High School.