

# BIGFORK HIGH SCHOOL



## Registration Handbook 2024-2025

# Letter to Parents



## Dear Parents and Student:

After reading through the course offerings in this booklet, students should select their classes for the **2022-2023 school year**. Careful consideration should be given to the student's career and educational goals – **graduation requirements for Bigfork don't necessarily equate to admissions requirements for post high school programs or athletics, colleges, and universities**. It is suggested that parents and students take time to review course offerings and how these courses relate to their goals.

## SEVEN PERIOD DAY

Students at Bigfork High School will register for seven classes each semester. Seniors must be registered for a minimum of five credits each semester and if they qualify for senior privilege, may leave up to two periods early into the school day; or they may choose to participate in dual enrollment course opportunities.

## BIGFORK HIGH SCHOOL COUNSELING

In partnerships with staff, parents and community, the Bigfork High School counselor, who serves as a proactive student advocate, is dedicated to providing a welcoming and safe environment as well as individual support in academic, career, social and personal development.

The Counseling Department will support students in discovering their academic and personal potential to contribute at the highest level as productive members of society.

Students and parents may make an appointment to see the counselor, Solveig Munson, before school, during the school day, or after school. To contact the counseling office: 837.7420 x4228 or by email at [smunson@bfd38.org](mailto:smunson@bfd38.org).

## SCHEDULE & CHANGE POLICY

Students at Bigfork High School will register for seven classes and up to three alternates. The registration process and course selection will be reviewed with all students in the spring prior to online registration. Schedules will be finalized in late spring of each year; students are scheduled for the entire school year.

### Course Change Policy

- ✓ All schedule changes should be made **before** the start of each semester.
- ✓ Students are not to drop classes at the semester without teacher and parent signature/approval.
- ✓ All changes are dependent upon class size limits and graduation requirements.

Schedule change deadlines will be announced each term (usually 5 school days). The schedule change process is as follows:

- ✓ Students are to pick up a schedule change form in the Counseling Office
- ✓ Have the form filled out and signed by all teachers and parent/guardian involved in the requested change
- ✓ Return the form to the Counseling Office

At that point, the change request will be reviewed and the student will be contacted by the Counseling Office. Students are expected to attend their given schedule until notified otherwise.

## **ACADEMIC OPPORTUNITIES**

There are a number of programs at Bigfork High School that students may choose to participate in to enrich their experience at BHS or to recover graduation credit.

### **RUNNING START PROGRAM and DUAL/CONCURRENT ENROLLMENT OPPORTUNITIES**

Juniors and seniors may take courses at Flathead Valley Community College and receive both high school credit and college credit for those courses under the Running Start Program either on FVCC's campus or online.

Students may also earn College Writing 101 credit right here with Mr. Seeton, three college math courses with Mr. Feller (Probability, Statistics, and Calculus), American History with Mrs. Wilondek, College Government with Mrs. Taylor, three welding classes with Mr. Meyer, and survey 290 through the Environmental GIS course with Mr. Bodenhamer.

To be eligible for Running Start or Dual Enrollment students must:

- ✓ Maintain the equivalent of a full-time course load between BHS and college/university
  - ✓ Complete a non-degree application to college/university
  - ✓ Take and pass the placement tests (reading, writing, and/or math)
  
  - ✓ Be in good standing at BHS for attendance and graduation requirements
- \*Scholarships are available, but must be applied for prior to term start date.

### **VIRTUAL HIGH SCHOOL**

Virtual High School (VHS) is a non-profit cooperative of over 400 national and international member high schools offering full-semester and year-long online courses. VHS offers a wealth of unique elective, core, technical, Advanced Placement (AP) and Pre-Advanced Placement level courses.

VHS strives to bring innovative, high-quality online high school courses to students, no matter their location. Currently, there are over 200 full-semester and year-long online courses in the VHS course catalog. There are seat limits for participation, so encourage your student to be aware of announcements regarding deadlines for application.

For further information or for class descriptions, see [www.vhslearning.org](http://www.vhslearning.org)

### **MONTANA DIGITAL ACADEMY (MTDA)**

Montana Digital Academy is a Montana-based online school that offers core course opportunities, as well as elective and credit-recovery courses. The courses are on a typical school-year calendar and are taught by Montana teachers. Like VHS, there are seat limitations, so please be aware of the MTDA registration deadlines listed on their website. Check out their latest offerings at [www.montanadigitalacademy.org](http://www.montanadigitalacademy.org). See Mrs. Munson about enrollment.

\*Students are limited to one core class online replacement throughout their high school career. In other words, if you replaced a class that we offer here with an online class (for scheduling reasons), that would be your one replacement class. Students can take as many electives (that we don't offer) online as needed/wanted, not to exceed two per semester.

## **HONORS CLASSES**

Honors courses are offered in English and social science at Bigfork; the honors sections offered are English II, English III, English IV, and World History. Selection for honors sections is based on the recommendation of the previous years' teacher in the corresponding subject area, application, writing assessment, grade and attendance history, interview, and standardized. Honors classes are not weighted differently than regular sections for calculating grade point average but are viewed with higher regard by many colleges and universities as having participated in more rigorous coursework

# GRADUATION REQUIREMENTS

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

REQUIRED CURRICULUM	CREDITS	CLASSES SATISFYING REQUIRED CREDITS
English	4.0	One English course each year (I, II, III, IV)
Social Science	3.0	10 <sup>th</sup> – World History, 11 <sup>th</sup> – U.S. History, 12 <sup>th</sup> - 0.5 Government & 0.5 of Economics
Math	3.0	Three math courses which includes Algebra I
Science	2.0	Earth Science and Biology and/or advanced sciences upon permission
Fine Arts	1.0	Art, Music, or Drama
Career & Technical Education	1.0	Building Trades, Business, Family & Consumer Science, Transportation, Sports Med
Health Enhancement	1.5	0.5 Health, 1.0 Physical Education
Computer Applications	0.5	Computer Business Applications
General Electives	7.0	Additional classes from areas where requirements have been fulfilled
<b>Total</b>	<b>23.0</b>	

## TRACK YOUR CREDIT

English I	___ ___	Science	___ ___
English II	___ ___	Science	___ ___
English III	___ ___	Fine art	___ ___
English IV	___ ___	Career & Tech. Ed.	___ ___
World History	___ ___	Health	___
U.S. History	___ ___	Physical Education	___ ___
Government	___	Computer Apps.	___
Economics	___		
Math	___ ___	General Electives	___ ___ ___ ___
Math	___ ___		___ ___ ___ ___
Math	___ ___		___ ___ ___ ___

Each space represents one semester ½ credit

### College Athletes (see following page)

16 core required for NCAA Division I & Division II

[www.ncaaeligibilitycenter.org](http://www.ncaaeligibilitycenter.org)

2 of 3 requirements for NAIA

[www.naia.org](http://www.naia.org)

### MT Univ. System Honor Scholarship

Must fulfill Rigorous Core requirements

<http://mus.edu/asa/hscp/index.asap>

### 2 years of same international Language

Required for many out-of-state colleges/univ.

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

### Montana University System Core Requirements\*

Course	Core	Years
English	Content of courses should have emphasis upon the development of written and oral communication skills and literature.	4
Social Studies	The courses shall include Global Studies (such as world history, world geography); American history; and Government, Economics, Indian History or other third year courses.	3
Mathematics	Courses shall include 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
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.	2 of laboratory science
Electives	Two Years chosen from the following: world language (preferably two years), computer science, visual and performing arts, or vocational education units which meet the Office of Public Instruction Guidelines.	2

\*Please Note: Admissions requirements vary from college to college, so be advised that the standards listed above are general admission guidelines. Please see the Montana University System website at <http://mus.montana.edu/admissions.htm> for college-specific admissions information.

### Montana University System Rigorous Core Requirements

Course	Core	Years
English	Written And Oral communication skills, literature, and designated college-prep composition or research-writing course	4
Social Studies	Global Studies (such as world history, world geography); American history; and Government/Economics.	3
Mathematics	Algebra I, II, and Geometry (or the sequential content equivalent) and a course beyond Algebra II (such as Trigonometry, Pre-Calculus, Calculus, Computer Math, or course equivalent)	4
Science	Three credits of lab science; general, physical or earth science; biology; chemistry or physics	3
Electives	Recommendation: Two Years Of second language, music, fine arts, speech/debate, career and technical education (such as information technology, computer science)	3

## University/College

- ✓ **Bachelor's Degree** (4-5 years)
- ✓ **Advanced Degree** (Master's 1-3 years, or Doctorate 4-8 years beyond a Bachelor's Degree)

## Technical, Trade or Community College

- ✓ **Certificate Programs** (six months to one year programs)  
Training programs in areas such as cosmetology, welding, dental assistant, EMT/Paramedic, real estate, auto body technology, heavy equipment operation, bookkeeping, medical transcription, lineman etc.
- ✓ **Associate of Arts or Science Degree** (2 year program)  
General studies degree that is transferable to colleges or universities depending on entrance requirements.
- ✓ **Associate of Applied Science Degree** (2 year program)  
This degree includes education training programs for specific careers, such as welding technology, diesel mechanics, nursing, medical assisting, computer information systems, etc.

## Job Corps

Job Corps is a career technical training and education program for students ages 16 through 24 who meet income requirements. It offers hands-on training in more than 100 career technical areas, including welding, automobile technician, carpentry, office administration, clinical media assistant, culinary arts, computer technician and many more. All career technical training areas are aligned with industry certifications and are designed to meet the requirements of today's careers at no cost! Job Corps helps high school graduates launch their careers.

<http://recruiting.jobcorps.gov>

## Military

Students with a high school diploma may enlist in a branch of the military (Army, Marine Corps, Navy, Air Force, or Coast Guard), where training is available for many jobs. In addition, part-time activity in the military is available through the Reserves and National Guard. For more information, go to [www.military.com](http://www.military.com).

## Montana Youth Challenge Academy

The Montana Youth Challenge Academy is a preventive program for 16-18 year-olds designed to improve life outcomes for its participants. Applicants must be voluntary, meet the necessary age requirements, and **either dropped out of school or not satisfactorily progressing, unemployed or underemployed, drug-free, and crime-free**. It is the only program of its kind to provide graduates with a personal mentor for one year to help the transition into adulthood.

Challenge empowers participants, whom we call cadets, to embrace responsibility, achievement and positive behavior. It instills self-confidence, fosters ambition and increases opportunities through job skills training, service to the community, and leadership. For more information please visit <https://www.mycacademy.org/about>

## Reserve Officer Training Corps (ROTC)

This is a college-based, officer commissioning program designed as a college elective that focuses on leadership development, problem solving, strategic planning and professional ethics. Merit-based scholarships are available to ROTC students – often they cover a significant portion of college tuition.

## Service Academies

These programs are considered to be among the best deals in higher education in that tuition, books, room and board, medical and dental expenses are paid in full for the four years a student is enrolled. Students graduate with a bachelor of science degree and a leadership job as a junior officer in the military. Competition for these programs is fierce, and graduates are obligated to serve in the military for a minimum of five years.

**Apprenticeship**

An apprenticeship is a training program where you can “earn while you learn” – earning money while you learn a skilled trade or craft from seasoned and skilled workers. See the Montana Department of Labor and Industry website at <https://apprenticeship.mt.gov/> for more information or call 406.444.3998. We also offer Youth Apprenticeships through Reach Higher Montana in CNA, business, culinary, or HVAC. Students can start any time after they turn 16.

**AmeriCorps**

This is a network of local, state and national service programs that serves more than 2,000 nonprofits, public agencies and faith-based organizations. Full-time members of AmeriCorps who complete their service earn a Segal AmeriCorps Education Award of \$4,725 to pay for college, graduate school or to pay back qualified student loans. Students may serve in a variety of areas including tutoring, improving health services, helping communities respond to disasters and more. To learn more about AmeriCorps, visit [www.americorps.org](http://www.americorps.org).

**Work Full Time**

It is strongly suggested that employment be secured prior to graduation. We work with Job Services in Kalispell to assist students with applying for jobs, interviewing, resume building, and interest surveying.



# NCAA ACADEMIC ELIGIBILITY

[www.eligibilitycenter.org](http://www.eligibilitycenter.org)

## DIVISION I

In order to be classified as a qualifier for competition at a Division I college or university, a student is required to fulfill the 16 Core-Course Rule. Students must:

- ✓ Graduate from high school;
- ✓ Have a core-course grade-point average and a combined score on the SAT (Math + Critical Reading) or a sum score on the ACT based on the core GPA/test score index.

## DIVISION II

In order to be classified as a qualifier, students must:

- ✓ Graduate from high school;
- ✓ Have a 2.00 GPA and complete the 14 Core-Course Rule.
- ✓ Have a combined score on the SAT (Math + Critical Reading) sections of 820 or a sum score of 68 on the ACT.

### DIVISION I 16 Core Courses

4 years of English  
3 years of mathematics (Algebra I or higher)  
2 years of natural/physical science (including 1 year of lab science)  
1 year of additional English, mathematics, or natural/physical science  
2 years of social science  
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

### DIVISION II 16 Core Courses

3 years of English  
2 years mathematics (Algebra I or higher)  
2 years of natural/physical science (including 1 year of lab science)  
3 years additional English, mathematics or natural/physical science  
2 years of social science  
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

## NAIA ELIGIBILITY [www.naia.org](http://www.naia.org) DIVISION II

Students entering as college-level freshman must meet **two** of the **three** entry level requirements:

- ✓ A minimum score of 18 on the ACT or 860 (Math + Critical Reading) on the SAT; scores must be achieved on a single test. Writing scores are not considered in scoring.
- ✓ An overall high school grade point average (GPA) of 2.000 or higher on a 4.000 scale.
- ✓ Graduate in the upper half of your high school graduating class (top 50%)

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

*NOTE: Requirements for BHS graduation, entry to Montana University System institutions, and NCAA/NAIA are different. If you plan to compete in athletics **and/or** attend a postsecondary institution, it is your responsibility to ensure that you meet the criteria required by ALL of the applicable institutions.*

## TESTS TO TAKE AND WHEN

TEST	10	11	12
<p><b>ACT</b> (required for all juniors) – Entrance test to college – is accepted by MT University System schools. It's recommended to take the test after completing Algebra II. Register online at <a href="http://www.act.org">www.act.org</a> or by mail (packets can be found in the Counseling Office).</p> <p>★See the Counseling Office in the fall for a list of test dates and registration deadlines.</p>	Opt.	Free to all juniors (and required by the state) on campus in April	X
<p><b>PSAT/NMSQT</b> – Preliminary SAT/National Merit Scholarship Qualifying Test. This test is given in early October at Bigfork High. It allows students to participate in a national scholarship competition, receive recognition, and practice for the SAT Reasoning Test.</p>	Opt.	Opt.	
<p><b>Pre-ACT</b> – Preliminary ACT Test. We use this as our school data collection each year in October and April. Results are sent home and also dissected by faculty to determine areas of improvement needed.</p>	9 <sup>th</sup> and 10 <sup>th</sup>		
<p><b>SAT REASONING and SAT SUBJECT TESTS</b> – Entrance tests to college. The Reasoning test measures verbal and math reasoning abilities and is accepted by the MT University System. The Subject tests are designed to measure your knowledge and skills in particular subject areas, as well as your ability to apply that knowledge. Register online at <a href="http://www.sat.collegeboard.com">www.sat.collegeboard.com</a>.</p> <p>★See the Counseling Office in the fall for a list of test dates and registration deadlines.</p>	Opt.	X	X

Throughout the year, there are numerous tests proctored both in and out of school. Please take the time to review the chart and familiarize yourself with both required and optional tests, as well as their timelines.

Test preparation websites:

- ✓ [www.smartaboutcollege.org](http://www.smartaboutcollege.org) – free ACT and SAT practice up to 3x per year each test
- ✓ [www.sat.collegeboard.com](http://www.sat.collegeboard.com) – practice and registration for the PSAT and SAT
- ✓ [www.act.org](http://www.act.org) – practice and registration for the ACT

## CAREER FIELDS

By taking an interest inventory (see website below) and selecting a field, students will develop a useful tool to assist them in choosing courses that match their post-high school plans. These fields are not meant to limit students, but function as a guide in exploring their strengths or interests in a way that is relevant to their goals for after high school. Every student is required to take elective classes to complete their credit for a high school diploma.

The Career Fields model identifies six major career areas:

- Agriculture and Natural Resources
- Arts and Communication
- Business and Management
- Engineering and Industrial Technologies
- Health and Related Services
- Social and Human Services

The guides on the following pages that include BHS electives, VHS electives, as well as FVCC Running Start and Dual/Concurrent Enrollment courses, are meant to aid students in choosing relevant courses based on their identified academic, personal and career goals.

**WHAT DO YOU WANT TO DO?**

**WHERE DO YOU WANT TO GO?**

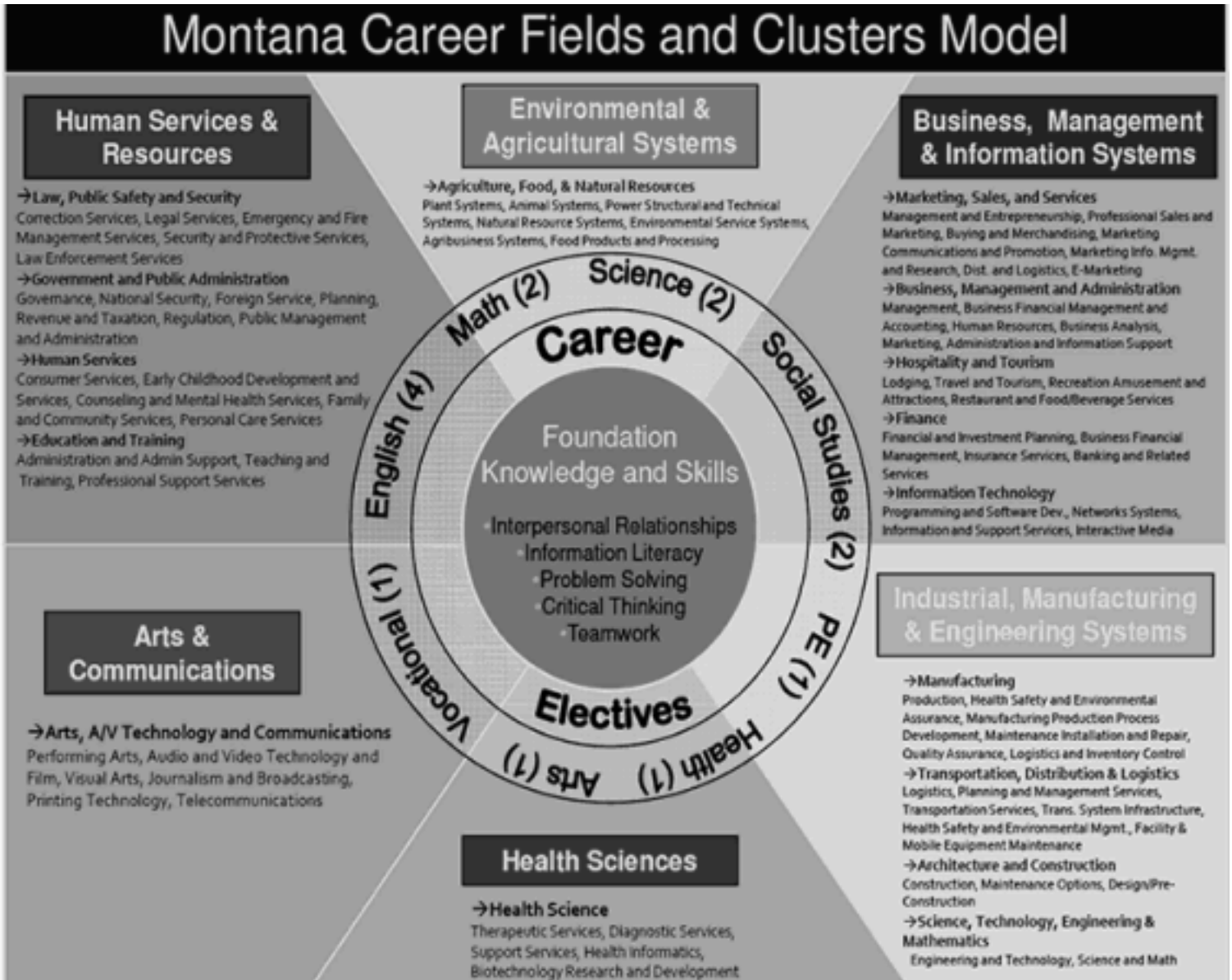
**EXPLORE THE SIX CAREER AREAS!**

**DISCOVER YOUR CAREER FIELD!**

**LET'S GET STARTED! □**

# Career Fields

By taking interest in inventories that evaluate your strengths and interests, the career fields are a guide to assist in choosing courses. The goal is to make educated choices based on postsecondary plans – let the career fields help get you there!



# AGRICULTURE & NATURAL RESOURCES PERSONAL INTEREST INVENTORY CHECKLIST

An ever expanding variety of careers are related to this Career Field, including the planning, implementation, production, management, processing, and/or marketing of agriculture commodities and services, including food, fiber, wood products, natural resources, forest, and environmental resources. It also includes related professional, technical and educational services.

## Do you...

- like planning and directing projects?
- have an interest in working with animals, soils, or plants?
- like working in agriculture?
- have an interest in sciences such as biotechnology, aquaculture, or chemistry?
- like caring for pets, sick or injured animals and/or training animals?
- enjoy doing mechanical or physical tasks?
- enjoy computer work?
- like to solve problems?

## Do you have...

- a desire to work outdoors?
- clear verbal communication skills?
- the ability to use good judgment?
- knowledge of math, business, science, and computer skills?
- patience and composure in working with animals?
- mechanical aptitude and the ability to work with tools?
- observation and organization skills?
- leadership ability and decision making skills?
- interests in chemistry, biology, research, or food science?

## Are you...

- comfortable being in charge of activities and people?
- focused and diligent in your work?
- able to work alone and with others?

If you checked several of these questions, you may share similar interests with people employed in Agriculture and Natural Resources.

<u>On the Job Training or Some Schooling</u>	<u>Certificate or Two Year Degrees</u>	<u>Four Year and Professional Degrees</u>
Animal Caretakers Chemical Applicator Commercial Fishers Equine Manager Farm & Ranch Hands Farmers and Ranchers Florist Forestry Technicians Groundskeepers & Gardeners Heavy Equipment Operator Horticulture/Greenhouse Worker Pest Control Workers Welding	Agriculture Equipment Sales Agronomist Animal Caretakers Custom Equipment Operator Diesel Mechanic Farmers & Ranchers Fish & Wildlife Technicians Floral Shop Operator Forestry Technicians Groundskeepers & Gardeners Horticulture/Greenhouse Worker Nursery Workers Outdoor Recreation Manager Park Rangers Quality Control Inspectors Real Estate Agent Science Technicians Surveyor Veterinary Technicians Water & Wastewater Plant Operators Welding	Agricultural Scientists Agricultural Chemical Representative Agriculture Consultant Agriculture Education/Extension Teacher Agriculture Journalist Agronomist Astronomers Biological Scientists Biologists Business Executives & Managers Chemists Earth Scientists Farmers & Ranchers Fish & Game Wardens Foresters Geologists Loan Officer Meteorologists Oceanographers Park Rangers Physicists Public Relations

# Agriculture and Natural Resources

This Career Cluster Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework (with exception of graduation requirements) and should be individualized to meet each learner's educational and career goals.

Educational Levels	Grade	English/ Language Arts	Math	Science	Social Studies/ Sciences	BHS Electives	Running Start <i>Dual Credit</i>	VHS Electives	
H I G H S C H O O L	<i>Interest Inventory Administered and Plan of Study for All learners.</i>					<i>Include, but not limited to</i>			
	9	English I	Pre-Algebra, Algebra I, or Geometry	Earth Science		<b>Career &amp; Tech. Ed.</b> Accounting I, II, III Auto. Mech. I, II Building Trades Personal Finance Welding Woods I, II	General Botany Field Botany Genetics and Change General Entomology Rangeland Management Geology of NW Montana Field Surveying/GPS intro Silvicultural Relationships and Habitat Typing Resource Calculations Intro into GPS Natural Resource Issues	<b>Science</b> Astronomy Basics Astronomy: Stars & Cosmos Bioethics Symposium Biotechnology DNA Technology Environmental Science Epidemics: Ecology or Evol Genes and Disease Intro. to Biology (Pre-AP) Meteorology Oceanography Pre-Veterinary Medicine	
	10	English II	Algebra I, Geometry, Algebra II	Biology	World History				
	11	English II	Geometry, Algebra II, Pre-Calculus	Anatomy & Phys., Chemistry, GIS	U.S History				
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>								
12	English IV	Algebra II, Pre-Calculus, Calculus	Anatomy & Phys., Chemistry, GIS, Physics	Government/ Econ.					
P O S T S E C O N D A R Y	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges	<b>Career &amp; Tech. Ed</b> Marketing & the Internet	
	Environmental Studies Environmental Science Geology Forestry Wildlife Biology		Heavy Equipment Operator		Horticulture Agricultural Operations Technology Environmental Systems Animal Systems		Heavy Equipment Operator Natural Resource Management		

Modified from the States' Career Clusters Initiative

## ARTS AND COMMUNICATION PERSONAL INTEREST INVENTORY CHECKLIST

This Career Field offers two different avenues of concentration. Careers in the Performing Arts, Visual Arts, or certain aspects of Journalism, Broadcasting and Film require courses and activities that challenge students' creative talents. Careers in Audio-Video Communications Technology, Telecommunications, or Printing technology require strong backgrounds in computer and electronic based technology and a solid foundation in math and science.

### Do you...

- like to work both independently in self-directed situations and with other people?
- like to express your feelings/ideas visually, in writing or by performing?
- enjoy artistic or musical activities?
- enjoy making speeches, debating, or participating in forensics?
- enjoy solving problems and manipulating electronics equipment?
- enjoy helping other people communicate better through speech or music?

### Do you have...

- good oral and/or written communication skills?
- physical/manual dexterity?
- aesthetic and spatial perception?

### Are you ...

- poised in social situations or in a crisis?
- able to express your ideas with ease and clarity?
- flexible and creative?
- able to get along with others and work as part of a team?
- able to set goals and work independently?
- able to translate design ideas into design realities?

If you checked several of these questions, you may share similar interests with people employed in Arts and Communication.

<b><u>On the Job Training or Some Schooling</u></b>	<b><u>Certificate or Two Year Degrees</u></b>	<b><u>Four Year and Professional Degrees</u></b>
Actor/Actress Disc Jockey Floral Designer Handcrafters Instrumentalist Lighting Technician Merchandise Display Model Music Copier Music Store Employee Painter (Artist) Photojournalist Photographic Process Worker Singer/Dancer Sound Technician Stand Performer Window Display Person	Actor/Actress Advertising Copywriter Author/Writer Broadcast Technicians Camera Operator Cartoonist Choreographer Clothes Designers & Pattern Makers Columnist Film & Video Makers Foreign Language Interpreter Free-lance Writers Fundraiser Graphic Artists & Designers Interior Decorators & Designers Interpreters & Translators Jewelers Journalist Musician/Private Music Teacher Photographers/Photographic Processor Printer Public Relations Specialist Radio & TV Broadcasters Reporter/Correspondent	Actor/Actress Architects Archivist/Curator Art Teacher Artist Business Executives & Managers Clothes Design & Pattern Makers Commercial Artist Critic/Book & Theatre Film & Video Makers Free-lance Writers Fundraiser Graphic Artists & Designers Interior/Industrial Designer Interpreters & Translators Landscape Architects Librarians Music Teacher Musicians Performing Artists Photojournalist/Photographer Professional Athlete Public Relations Workers Radio & TV Broadcasters Singer/Dancer Technical Writers TV/Radio Program Writers/Directors Writers & Editors

# Arts and Communication

This Career Cluster Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework (with the exception of graduation requirements) and should be individualized to meet each learner's educational and career goal.

Educational Levels	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	BHS Electives	Running Start <i>Dual Credit</i>	VHS Electives	
HIGH SCHOOL	<i>Interest Inventory Administered and Plan of Study for All learners.</i>					<i>Include, but not limited to</i>			
	9	English I	Pre-Algebra, Algebra I, or Geometry	Earth Science		<b>ART</b> Adv. Drawing, Adv. Painting, Ceramics General Art, Photo  <b>English Lang. Arts</b> Lit. Mag, Media Lit, Creative Writing, Theatre & Drama, Journalism, Battle School, Mythology  <b>Music</b> Band, Choir, Jazz Band, Percussion	Art Photography Design Digital Photography Basic Video making Watercolor I Motion Picture Apprec. Acting for non-major Stagecraft Theatre Design & Prod  <b>Communication</b> Business Comm. Tech. Writing, etc.	<b>Science</b> Astronomy Basics Astronomy: Stars & Cosmos Bioethics Symposium Biotechnology DNA Technology Environmental Science Epidemics: Ecology or Evol Genes and Disease Intro. to Biology (Pre-AP) Meteorology Oceanography Pre-Veterinary Medicine  <b>Career &amp; Tech. Ed</b> Marketing & the Internet	
	10	English II	Algebra I, Geometry, Algebra II	Biology	World History				
	11	English II	Geometry, Algebra II, Pre-Calculus	Anatomy & Physiol. Chemistry, GIS	U.S History				
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>								
12	English IV	Algebra II, Pre-Calculus, Calculus	Anatomy & Physiol, Chemistry, GIS, Physics	Government/Econ.					
POST SECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges		
	Jewelry & Metalsmithing 3D Jewelry Design Information Tech Web Tech Art Communication Studies English Theatre Arts Studies Liberal Arts		Computer/Network Support Interior Design		Art Media & Theatre Arts Broadcast Graphic Design Technical Communication Technical COmmunication Motion Picture.Video Theatre		Goldsmithing-Bench Computer Science Technology		

Modified from the States' Career Clusters Initiative



# BUSINESS & MANAGEMENT PERSONAL INTEREST INVENTORY CHECKLIST

The Business and Management Career Field prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service, and communication.

## Do you...

- like operating computers or other business machines?
- enjoy working with numbers, writing letters, filing records, or preparing reports?
- like performing detailed work?
- like to give and receive information?
- enjoy making speeches, debating, or persuading other people?
- have any interest in greeting people, answering questions or helping customers?
- enjoy leading others and do your peers see you as a leader?
- like planning and directing the activities of other people?
- prefer your work to be structured?

## Do you have...

- analytic and clerical skills?
- organizational skills and the ability to be accurate?
- the ability to be persuasive?
- leadership ability and decision-making skills?
- clear verbal communication?
- the ability to get along with others and be part of a team?
- enthusiasm and self-confidence?
- a competitive nature?
- the ability to work under pressure?
- problem-solving skills?

## Are you...

- comfortable in a leadership role?
- able to work well with others?
- able to practice good judgment?

If you checked several of these questions, you may share similar interests with people employed in Business and Management.

<u>On the Job Training or Some Schooling</u>	<u>Certificate or Two Year Degrees</u>	<u>Four Year and Professional Degrees</u>
Auto Parts Counter Workers Automobile Salespeople Bank Tellers Business Services Sales People Cashiers & Grocery Checkers Casino Gaming Workers Collectors Counter Attendants Credit & Loan Clerks Data Entry Operators Dispatchers Freight Handlers General Office Clerks Hotel Desk Clerks Insurance Policy & Claims Clerks Kitchen Helpers Mail Carriers Messengers Packers & Wrappers Postal Clerks Property & Real Estate Managers Receptionists Recreation Attendants Restaurant Managers Retail Salespeople Shipping & Receiving Clerks Short Order Cooks Stenographers Stock Clerks Telephone Operators Ticket Agents Typists & Word Processors Utility Service Representative Waiters & Waitresses	Appraisers Bakers Bookkeeping & Accounting Clerks Buyers & Purchasing Agents Chefs & Dinner Cooks Computer Operators Computer Programmers Computer Support Specialists Construction Managers Court Clerks Court Reporters Fast Food Service Managers Hotel & Motel Managers Insurance Agents Legal Secretaries Library Assistants Loan Officers Medical Records Technicians Medical Secretaries Office Managers Real Estate Agents Restaurant Managers Sales & Service Managers Sales Representatives Secretaries Small Business Operators Statistical Clerks Stenographers Tax Preparers Travel Agents	Accountants & Auditors Actuaries Appraisers Association & Union Executives Business Executives & Managers Computer Engineers Computer Programmers Computer Support Specialists Construction Managers Cost Estimators Economists Education Administrators Farmers & Ranchers Financial Managers Health Services Administrators Insurance Adjusters & Examiners Management Analysts Market Research Analysts Mathematicians & Statisticians Military Officers Personnel Managers Production Managers Public Administrators Public Relations Worker Recreation Directors & Supervisors Securities Salespeople Small Business Operators Systems Analysts

# Business and Management

This Career Cluster Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework (with the exception of graduation requirements) and should be individualized to meet each learner's educational and career goal.

Educational Levels	GRADES	English/ Language Arts	Math	Science	Social Studies/ Sciences	BHS Electives	Running Start <i>Dual Credit</i>	VHS Electives	
HIGH SCHOOL	Interest Inventory Administered and Plan of Study for All learners.					Include, but not limited to			
	9	English I	Pre-Algebra, Algebra I, or Geometry	Earth Science		<b>Career &amp; Tech. Ed</b> Accounting I, II, III, Culinary Skills, Personal Finance  <b>English Lang. Arts</b> Literary Magazine, Creative Writing, Journalism, Media Literacy, Theatre & Drama, Mythology, Battle School	Principles of Marketing Customer Service Murco Economics Macro Economics Small Business Management Elementary Statistics Human relations in Business Principles of Management Business Communications Leadership	<b>Career &amp; Tech. Ed.</b> AP Economics Intro. to Economics (Pre-AP) <b>English Language Arts</b> Academic Writing Literacy Skills for the 21st Cent. Writing & Telecommunication <b>Math</b> AP Calculus AB AP Calculus BC AP Statistics Calculus for Business Intro to Calculus AB (Pre-AP) Intro. To Statistics (Pre-AP- Statistics & Business/Manage <b>Social Science</b> American Foreign Policy American Multiculturalism AP Economics: Micro & Macro AP Psychology Current issues in Am. Law Intro to Psychology (Pre-AP) Peacemaking Philosophy 1 Psychology 1 Sociology 1	
	10	English II	Algebra I, Geometry, Algebra II	Biology	World History				
	11	English II	Geometry, Algebra II, Pre-Calculus	Anatomy & Physiol., Chemistry, GIS	U.S History				
	College Placement Assessments-Academic/Career Advisement Provided								
12	English IV	Algebra II, Pre-Calculus, Calculus	Anatomy & Physiol., Chemistry, GIS, Physics	Government/Econ.					
POST SECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges		
	Accounting Technology Business Administration Culinary Arts Entrepreneurship Marketing/.Sales Payroll Accounting Small Business Management Office Technology		Business Administration Technology Human Resource Management Sales/Marketing Legal Administrative Assistant Food Service Management		Accounting Business Administration Marketing Human Resources Financial Management Nature Based Tourism		Entrepreneurship Accounting Technology Office Technology Clerical Human Services Marketing/Sales Specialist Culinary Arts		

# ENGINEERING & INDUSTRIAL TECHNOLOGIES PERSONAL INTEREST INVENTORY CHECKLIST

An engineering career in science, technology, or mathematics is exciting. Learners who pursue one of these career fields will be involved in planning, managing, and providing scientific research. They will also provide professional and technical services including laboratory and testing services, and research and development services. The diverse industrial careers in manufacturing, designing, building, and maintaining the building environment is exciting, challenging and ever-changing. Employment in these careers has a soaring future with over 20 million people working in these careers.

## Do you ...

- like figuring out how things work?
- enjoy operating or fixing machines?
- like working with your hands, assembling, building or repairing things?
- like planning and supervising a project or completing a project or parts of a project?
- like drawing detailed plans or patterns or working with blueprints?
- interested in courses in biology, chemistry, or physics?
- like reading automotive or scientific magazines?
- like advanced mathematics classes?
- like solving practical problems with mathematics?
- enjoy helping others build things?
- like doing chemistry experiments?
- like working with computers, robots, or computer-controlled machines?
- enjoy working with other people to solve a real life problem?

## Do you have...

- an aptitude in mathematics and/or science?
- leadership skills and good judgment?
- good physical skills and stamina?
- the ability to analyze problems?
- a preference for working with your hands?
- the ability to communicate and get along with others?
- the ability to understand and pay close attention to standards?
- a preference to see practical results from your work?

## Are you...

- able to use logic or creativity to solve problems?
- able to plan, organize and complete projects?
- able to focus and be an accurate worker?

If you checked several of these questions, you may share similar interests with people employed in Engineering and Industrial Technologies.

<u>On the Job Training or Some Schooling</u>	<u>Certificate or Two Year Degrees</u>	<u>Four Year and Professional Degrees</u>
Airline Ground Crew Workers Building Maintenance Workers Bus/Taxi Drivers Coin & Vending Machine Repairers Construction Laborers Contractors Dispatchers Electronics Assemblers Foundry Workers Ironworkers Laundry & Dry Cleaning Workers Line Installers & Repairers Locksmiths Loggers Machine Tool Operators Metal Refining Workers Mine Workers Petroleum Processors Photo Finishers Prepress Workers Production Assemblers Production Painters & Finishers Railroad Transportation Workers Rubber & Chemical Processors Sewing Machine Operators Stationary Engineers Telephone Installers Upholsterers Woodworking Machine Operators	Aircraft Pilots Aircraft Mechanics Auto Body Repairers Automobile Mechanics Bookbinders & Bindery Workers Cabinetmakers Carpenters Cement Masons Computer Equipment Repairers Construction & Building Inspectors Drafters Electricians Electronic Technicians Heating & Cooling Mechanics Heavy Equipment Operators Jewelers Metal & Plastic Processing Workers Millwrights Molders Plumbers & Pipefitters Precision Instrument Repairers Precision Woodworkers Printing Production Work Radio & TV Service Technicians Sheetmetal Workers Surveyor Tool & Die Makers Truck & Heavy Equipment Mechanics Water & Wastewater Plant Operators Welders	Aerospace Engineer Agricultural Engineer Air Traffic Controller Business Executive & Manager Chemical Engineer Civil Engineer Commercial Airline Pilot Construction Manager Electrical Engineer Engineer Environmental Engineer Industrial Engineer Mathematician & Statistician Mechanical Engineer Military Officer Mining Engineer Petroleum Engineer Pilots & Flight Engineer Production Manager Public Administrator Urban & Regional Planner

# Engineering and Industrial Technologies

This Career Cluster Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework (with the exception of graduation requirements) and should be individualized to meet each learner's educational and career goal.

Educational Levels	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	BHS Electives	Running Start <i>Dual Credit</i>	VHS Electives	
HIGH SCHOOL	<i>Interest Inventory Administered and Plan of Study for All learners.</i>					<i>Include, but not limited to</i>			
	9	English I	Pre-Algebra, Algebra I, or Geometry	Earth Science		<b>Career &amp; Tech. Ed</b> Woods I, II Auto Mech I, II Build Trades Welding	House Construction Intro to Engines Gas/Diesel Electric Meters and Motors Intro to Electricity Electric Fundamentals II, II Electric Code Study Fund. HVAC/R Fundamentals Basic Wiring Electrical Drafting Intro to Piping Systems Intro to Plumbing Fixtures Plumbing Theory and Code	<b>Career &amp; Tech. Ed.</b> CAD Computational Sci. & Engineer, using JAVA Engineering Principles <b>Science</b> Adv. Topics in Chemistry AP Physics B & C Chemistry II Integrated Mechanical Physics Intro. To Chemistry (Pre-AP) Intro to Physics B (Pre-AP) Nuclear Physics	
	10	English II	Algebra I, Geometry, Algebra II	Biology	World History				
	11	English II	Geometry, Algebra II, Pre-Calculus	Anatomy & Physiol., Chemistry, GIS	U.S History				
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>								
12	English IV	Algebra II, Pre-Calculus, Calculus	Anatomy & Physiol., Chemistry, GIS, Physics	Government/Econ.					
POST SECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges		
	Building Trades Durveying Electrical Technology Heading, Ventilation and Air Conditioning Heavy Equipment Welding and Fabrication Technology Engineering		Aviation Construction Technology Drafting Technology Process Plant Technology Metal Fabrication		Applied Mathematics Construction Engineering Management Environmental Engineering Military Aerospace Studies Statistics Public Health		Building Trades Heating Ventilation & Air Conditioning Plumbing Welding & Fabrication		

Modified from the States' Career Clusters Initiative

# HEALTH & RELATED SERVICES PERSONAL INTEREST INVENTORY CHECKLIST

This Career Field orients students to careers that promote health, wellness, and diagnosis as well as treating injuries and diseases. Some careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information. Work locations are varied and may include hospitals, medical or dental offices, laboratories, medevac units, sports arenas or many other places within the community.

## Do you...

- have an interest in working with people for a common cause?
- enjoy doing volunteer work in the community?
- like changing from one duty to another frequently?
- have an interest in working with people who are injured, sick, or ill?
- want to promote wellness lifestyles?
- like working with the young, elderly, sick, or handicapped?
- have an interest in talking to and relating to sick or handicapped people?

## Do you have...

- have the ability to be accurate?
- have good physical skills and enjoy activities which promote physical stamina?
- have a concern for people and their problems?

## Are you...

- seen by your peers and others as thoughtful, sensitive, and patient?
- comfortable in leadership roles?
- alert and composed in a crisis?
- able to work as part of a team?
- flexible? Do you enjoy varied tasks?
- able to think critically and creatively?

If you checked several of these questions, you may share similar interests with people employed in Health and Related Services.

<u>On the Job Training or Some Schooling</u>	<u>Certificate or Two Year Degrees</u>	<u>Four Year and Professional Degrees</u>
Dental Assistants Electrocardiograph Technicians Electroencephalogram Technicians Geriatric Aide Home Health Aides Medical Assistant Medical Office Personnel Nursing Assistants Pharmacy Technicians Psychiatric Aides	Dental Assistants Dental Hygienists Dental Laboratory Technicians Emergency Medical Technicians Funeral Directors & Embalmers Licensed Practical Nurses Massage Therapists Medical Assistants Medical Laboratory Workers Medical Records Technician Medical Secretaries Occupational Therapy Assistants Opticians Physical Therapy Assistants Radiologic Technicians Registered Nurses Respiratory Therapists Surgical Technologists	Athletic Trainers Biological Scientists Chemists Dieticians Health Service Administrators Medical Lab Workers Nurse Practitioners Occupational Therapists Physical Therapists Physician Assistants Registered Nurses Sanitarians Speech Pathologists & Audiologists  <u>Post-Graduate Level (6+ years):</u> Chiropractor Dentist Internist Obstetricians & Gynecologists Optometrists Pediatricians Pharmacists Physicians Podiatrists Psychiatrists Recreational Therapists Surgeons

# Health and Related Services

This Career Cluster Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework (with the exception of graduation requirements) and should be individualized to meet each learner's educational and career goal.

Educational Levels	English/ Language Arts	Math	Science	Social Studies/ Sciences	BHS Electives	Running Start <i>Dual Credit</i>	VHS Electives			
HIGH SCHOOL	Interest Inventory Administered and Plan of Study for All learners.				Include, but not limited to					
	9	English I	Pre-Algebra, Algebra I, or Geometry	Earth Science		<b>Career &amp; Tech. Ed</b> Culinary Skills/Nutrit. <b>Health Enhancement</b> Health, Phys Ed, Speed & Strength, Weight Training <b>Science</b> GIS, Forensics Sports Med.	Principles of Biology Basic Anatomy and Physiology A&P Lab Medical Terminology Pharmacology Basic Rescue Skills for EMA Providers Opportunities in Health and Medical Careers Care and Prevention of Athletic Injuries	<b>Career &amp; Tech. Ed.</b> Parenting in the 21st Century Perspectives in Health <b>Science</b> Advanced Topics in Chemistry AP Biology or Environ. Science Bioethics Symposium Biotechnology Chemistry II: Chem. of Civilization DNA Technology Environmental Chemistry Environmental Science Epidemics: Ecology or Evol. Forensics Genes & Disease Intro. To Biology, Chemistry or Environ. Science (Pre-AP) Oceanography The Human Body <b>Social Science</b> AP Psychology Intro. To Psychology (Pre-AP) Philosophy 1 Psychology 1 Sociology 1		
	10	English II	Algebra I, Geometry, Algebra II	Biology	World History					
	11	English II	Geometry, Algebra II, Pre-Calculus	Anatomy & Phys, Chemistry, GIS, Forensics	U.S History					
	College Placement Assessments-Academic/Career Advisement Provided									
12	English IV	Algebra II, Pre-Calculus, Calculus	Anatomy & Phys., Chemi, GIS, Physics, Sports Med	Government/ Econ.						
POST SECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges			
	Medical Assistant Paramedic (EMT) Practical Nursing Pharmacy Pre-Health Professions Biology Radiologic Technology Nursing Surgical Technology		Diagnostic Medical Engineering Nursing-RN Dental Assistant Medical Transcription Respiratory Care Pharmacy Technology		Biomedical Services Genetics Health & Human Development Medical Laboratory Science Toxicology Pre-veterinary Medicine		Medical Coding Gerontology Radiologic Technology Paramedicine			

Modified from the States' Career Clusters Initiative

# SOCIAL & HUMAN SERVICES PERSONAL INTEREST INVENTORY CHECKLIST

This Career Field is the most diverse, preparing individuals for employment in careers related to families and human needs. It includes: Education: the planning, managing and providing of education and related learning support services; Law and Public Safety: the planning, managing and providing of legal services, public safety, protective services, and professional and technical support services; Government and Public Administration: the planning, managing and providing of state, local, and national governance, national security, foreign service, public management and administration, revenue and taxation.

## Do you...

- have a desire to help people?
- enjoy helping others learn new things or acquire information?
- get along with a wide variety of people?
- enjoy providing service to others - to give information, to see to their comfort or to enhance their appearance?  enjoy studying about how society works as well as the interactions of individuals or groups of people?
- enjoy sharing ideas with others?
- like working as part of a team?
- like being in charge of planned activities?
- enjoy volunteering or serving your community, state, or nation?

## Do you have...

- good physical skills and enjoy activities which promote physical stamina?
- clear writing and speaking skills?
- creative thinking skills?
- take and follow directions?
- the ability to analyze and evaluate information readily?
- a concern for people and their problems?
- the trust and confidence of your peers?

## Are you...

- polite, understanding, sensitive, and patient?
- seen as a leader by your peers?
- flexible and enjoy varied tasks?
- able to plan and direct others' activities?
- composed in a crisis or conflict?

If you checked several of these questions, you may share similar interests with people employed in Social and Human Services.

<u>On the Job Training or Some Schooling</u>	<u>Certificate or Two Year Degrees</u>	<u>Four Year and Professional Degrees</u>
Child Care Workers Coaches Corrections Officer Counter Attendant Fast Food Worker Firefighter Forest Firefighter Host/Hostess Military Enlisted Personnel Nanny Nursery School Attendant Recreation Attendants Security Guards Social Service Aides Store Detective Teachers Aides	Compliance Officers & Inspectors Construction & Building Inspectors Corrections Officers Cosmetology Detectives & Investigators Firefighter Flight Attendants Funeral Directors & Embalmers Hair Stylists Law Enforcement Officers Legal Assistants Legal Secretaries Library Assistant Massage Therapists Recreation Guides Recreation Leaders Sanitarians Social Service Aides Teacher Aides	Addictions Counselors Agricultural Inspectors Anthropologists Archivist & Curators Association & Union Executives Clergy Corrections Officers Counselors Economists Education Administrators Ed. Program Specialists Elementary School Teachers Fish & Game Wardens High School Teachers Law Enforcement Officers Lawyers Librarians Market Research Analyst Military Officers Occupational Therapists Parole & Probation Officers Psychologists Public Administrators Recreation Therapists Recreational Directors & Supervisors Rehabilitation Counselors School Counselors Social Scientists Social Workers Special Education Teachers University & College Teachers Vocational Education Teachers

# Social and Human Services

This Career Cluster Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework (with the exception of graduation requirements) and should be individualized to meet each learner's educational and career goal.

Educational Levels	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	BHS Electives	Running Start <i>Dual Credit</i>	VHS Electives	
H I G H S C H O O L	<i>Interest Inventory Administered and Plan of Study for All learners.</i>					<i>Include, but not limited to</i>			
	9	English I	Pre-Algebra, Algebra I, or Geometry	Earth Science		<b>Career &amp; Tech. Ed</b> Textiles & Apparel <b>English Lang. Arts</b> Creative writing Literary Magazine <b>Science</b> Forensics, Sports Med, GIS	Introduction to Criminal Justice Native American Studies Intro. To Sociology Intro. To Education Early Childhood Education Intro. To Human Services	<b>Career &amp; Tech. Ed.</b> Kindergarten Apprentice Teach. Parenting in the 21st Century Perspectives in Health <b>English Language Arts</b> Cultural Identity through Literature Literacy Skills for the 21st Cent. Writing and Telecommunications Young Adult Literature <b>Science</b> Environmental Chemistry Environmental Science Epidemics: Ecology or Evol. Forensic Science Genes & Disease The Human Body <b>Social Science</b> American Foreign Policy American Multiculturalism AP Psychology Constitutional Law Current ISS. In Am. Law & Justice Intro into Psych. (Pre-AP) Philosophy 1 Sociology !	
	10	English II	Algebra I, Geometry, Algebra II	Biology	World History				
	11	English II	Geometry, Algebra II, Pre-Calculus	Anatomy & Phys, Chemistry, GIS, Forensics	U.S History				
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>								
12	English IV	Algebra II, Pre-Calculus, Calculus	Anatomy & Phys., Chemi, GIS, Physics, Sports Med	Government/ Econ.					
P O S T S E C O N D A R Y	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges		
	Introduction to Criminal Justice Native American Studies Introduction to Sociology Introduction to Education Early Childhood Ed. Intro. To Human Services		Paralegal/Paralegal Studies Fire & Rescue Technology/Fire Science		Government Public Administration Political Science Secondary Education Law Psychology		Criminal Justice Early Childhood Education Substance Abuse Counseling Personal Trainer		



# GENERAL ELECTIVES

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## **BHS/FVCC Running Start Program and Dual Enrollment**

Juniors and seniors may take courses at Flathead Valley Community College and receive both high school credit and college credit for the courses under the Running Start Program either on FVCC's campus or online. Students may also earn high school and/or college credit online through Miles Community College, Dawson Community College, or take Montana University System Core Courses online through Montana State University – Great Falls College of Technology. Bigfork High School grants ½ credit for each semester class that is two (2) or more credits on the college/university credit scale. Applicants must take a placement test and achieve a certain score in order to be admitted. The first six credits at FVCC are free; any additional credits cost little more than half of the usual rate. Classes required for graduation from Bigfork High School cannot be taken for dual enrollment.

### **Classroom Aide**

2 semesters

½ credit

**Prerequisite: Teacher permission, Seniors must be enrolled in at least five academic classes, Juniors, Sophomores, and Freshmen must be enrolled in at least six academic classes before applying to be a student aide.**

**Classroom Aides are subject to grade checks and study back requirements as outlined in the Activity section of the handbook.** Failure to comply with study back requirements will result in loss of Classroom Aide privilege. All student aides are required to stay in the assigned teacher area – no trips to the library, study hall, etc.

### **Library Aide**

2 semesters

½ credit

**Prerequisite: Librarian's permission, 11<sup>TH</sup> & 12<sup>TH</sup> grade with all graduation elective requirements met**

Assist the librarian on tasks as needed; checking books in and out, reshelving books, etc.

### **Office Aide/Counseling Aide**

2 semesters

½ credit

**Prerequisite: Secretary's/Counselor's permission, Seniors must be enrolled in at least five academic classes, Juniors, and Sophomores must be enrolled in at least six academic classes before applying to be a student aide.**

Students help out in the office, answering the phone, running errands in the school, sorting mail, etc.

### **Peer Tutoring**

2 semesters

½ credit

**Prerequisite: Recommendation by classroom teacher**

Students will be assigned to a class or study hall to tutor other students in math, science, English or history.

### **Senior Privilege**

2 semesters

NO CREDIT

Seniors who are on track to graduate, have no D's or F's from the previous semester, maintain a cumulative 2.5 GPA, are without discipline referral, are within the attendance policy, may limit their schedule to five or six classes. (1st, 2nd, 6th and 7th)

### **Study Hall**

1 or 2 semesters

NO CREDIT

Students must bring work to the study hall. Anyone who does not have work to do and is not utilizing the study hall for study, the student will be assigned to another class at the quarter or semester. Weekly grade checks are conducted for all study hall students. Study hall sizes are limited and are need-based.

### **Yearbook /Advanced Multimedia**

2 semesters

1 credit

**Prerequisite: Grade 9–12, 3.0 GPA, writing, keyboarding and computer ability**

Students in this course will be involved in the production of the yearbook. The production involves the use of Adobe CC software, cameras (video and still) and other tech gear. No previous experience is needed but the class is always looking for students with experience with publishing software and/or Adobe Photoshop software, or videography/photography skills. Students are expected to go to events throughout the year to take pictures/video. Second/Third year students will serve as production editors. .

**Psychology**

1 semester (fall or spring)

½ credit

Delve into the fascinating world of psychology, the scientific study of the mind and behavior. Through an exploration of various psychological theories, research methods, and real-world applications, students will gain a stronger understanding of psychological research, human behavior, thought processes, and emotional responses. Students will engage with the content through journal entries, group discussions, and individual projects related to topics of personal interest. Those that are interested in this course should be prepared to exercise their critical thinking skills as they gain valuable insights into their own minds and the behavior of others.

**Leadership**

1 semester (fall or spring)

½ credit

This course is designed to develop leaders within the halls of Bigfork HS and beyond! Students will not only explore the traits of exemplary leadership, but will also refine their personal goals, values, and world lenses to develop their personal leadership styles. This is a project heavy class in which personal reflection and peer communication skills are taught with real-world application in mind. Students will finish the course by designing and executing a community-service project that can serve as a great resume-builder. Freshmen are encouraged to join.

## **Art Fundamentals**

2 semesters

1 credit

This course is an art survey class examining both 2 and 3 dimensional art forms and methods of creative expression. Students will gain a strong foundation of traditional arts and study creative visual arts and arts communication through the use of art elements and principles of design. Some media areas covered include; Drawing, painting, design ceramics, sculpture, printmaking, and commercial art.

## **Drawing**

1 semester (fall or spring or both)

½ credit

Students will become more skilled in all facets of sketching and printmaking as we will focus on the art elements used in creating successful art compositions. Students will have the opportunity to work with many types of media such as graphite, charcoal, pastel, ink and more. Students must have taken Art Fundamentals.

## **Painting**

1 semester (fall or spring or both)

½ credit

In this class students will explore with media such as oil paint, acrylic and watercolor when creating masterful pieces of art. Our focus in class will be to study and explore other Master Painters through each lesson and learn to focus on specific styles in order to find our own. Students must have taken Art Fundamentals prior to taking this course.

## **Sculpture**

1 semester (fall or spring or both)

½ credit

This course is intended for those studying 3-dimensional art studio for the first time and is a comprehensive introduction to the craft of working with 3 dimensional mediums and materials. The primary emphasis is on studio work leading to a portfolio of finished pieces by the end of the semester. In addition to demonstrations of technique and technical assignments, you will have the opportunity to work on the Potter's Wheel.

## **Life in Art (Fall Semester)**

1 semester

½ credit

In this semester class students will study and learn how professional artists work in the work environment using their art. We will study the many career choices in the arts which may prepare students for a variety of career choices. Those careers listed are not limited to, Interior Design, Architecture, Graphic Design, Topography, Cosmetology, Fashion and the Media Arts, such as Animation, Illustration and Photography

## **Art History (Spring Semester)**

1 semester

½ credit

Step back in time through the study of many cultures and their art. This course will touch on the History behind art and why it is the spoken language of many cultures. Students will study the historical work and get an opportunity to create a project to represent each culture of study.

## **Media Arts (Graphic Design, Illustration, Animation)**

1 semester (fall or spring)

½ credit

Graphic Design is a class that teaches art and technology. In this class students will use digital design as a creative process in communication. Students will also explore various methods used to create and combine words, symbols, and images to create a visual representation of ideas and messages. Students will use the basic elements and principles of art and learn how to use the computer programs Adobe Photoshop, Illustrator and Lightroom.

## **Photography**

1 semester (fall or spring)

½ credit

This course will use digital photography to help students learn and apply the basic elements and principles of design. Students will use a digital camera as an art making tool. This course will also provide students with the opportunity to expand their photography and post production skills. Digital Photography will familiarize the student with digital photographic equipment, materials, methods, and processes. Visual problem solving skills are explored through the use of the computer as the main tool for creative expression and communication.

## BUILDING TRADES

**Intro to Woods / Intro to Drafting (DDSN 113)**      2 semesters      1 credit (optional 3 college credits-SPRING)

This year-long course will include an introduction to shop and tool safety, entry level tool operation, basic understanding of wood species and their properties, and entry level practice in shaping, joining, and finishing a selection of simple projects. The first semester will emphasize process skills and precision in learning the craft of woodworking. During the second semester, students will advance their practical exploration in the shop by introducing students to the basics of drafting. Topics will include an identification of drafting equipment and its use, lettering fundamentals, line-work, geometric constructions, theories of multi-view projection, sketching techniques, principles of orthographic projection using two and three view drawings, basic dimensioning techniques, basic isometric drawings, and sectional views. Material covered provides a strong basis for blueprint reading and CAD classes offered for second year students. There will be an option for eligible students (10th-12th grade) to receive 3 hours of college credit through FVCC Running Start for their second semester work.

*There is a \$25 shop fee for consumables.*

**Advanced Woods and Intro to Auto CAD (DDSN 114)**      2 semesters      1 credit (3 college credits-SPRING))

**Prerequisite: "C" or better in Woods I SHOP BLOCK (with Tech English and/or Tech Math)**

This course provides students with the opportunity to further explore their personal and career oriented interests in the woodshop and/or building trades. There will be a number of learning stations and construction trades projects that are designed to challenge and extend student learning deep into the craft of woodworking, practical opportunities with our local college and business partners to advance credited work-based learning apprenticeships, and opportunities to "pay it forward" through service projects. The AutoCAD course is a systems-oriented class designed to introduce students to the concepts, techniques, and applications of PC based computer aided drafting. The piece of the class will provide students with the competencies required to create, edit, and output drawings in both digital and printed format. Command structures, coordinate drawing, text dimensions and fill structures will be covered.

*There is a \$50 lab fee for consumables.*

**Advanced Woods / Intro to SOLIDWORKS (DDSN 135)**      2 semesters      1 credit (3 college credits-SPRING))

**Prerequisite: "C" or better in Woods I SHOP BLOCK (with Tech English and/or Tech Math)**

This second-year advanced course for eligible students provides deeper exploration of specialized skills and learning via self-directed projects and mentorship opportunities. The second semester SOLIDWORKS course presents the fundamental skills and concepts to build parametric model parts and assemblies and make simple drawings of those parts and assemblies. This course is designed as a process-based training approach emphasizing the processes and procedures necessary to complete a particular task. By utilizing case studies to illustrate these processes, the student learns the necessary commands, options, and menus in the context of completing a design task within SOLIDWORKS. An introduction to transferability and compatibility of SOLIDWORKS, MASTERCAM, GIBSCAM, and Pro-Engineer software is provided. This course also includes an introduction to 3-D printing. There will be an option for eligible students to receive 3 hours of college credit through FVCC Running Start for their second semester work.

*There is a \$50 shop fee for consumables.*

## BUSINESS

**Sports and Entertainment Marketing**      2 semesters      1 credit

Sports and Entertainment Marketing is a multi-billion-dollar industry that has a definite impact on the economy and is rapidly growing. Whether it's the family vacation centered on a soccer tournament or the Orange Bowl for a national football championship, large sums of money are spent on sporting events and entertainment related to products and services. Sports and Entertainment Marketing is in over 100 college and university programs. The course is interdisciplinary in nature with a focus on the management of venues, sports, musicians, artists, and events. The sports segment will include collegiate, professional, and amateur sports. The entertainment segment will include movies, theater, and music. Much of the course is geared towards helping promote Bigfork High School events and activities to the school and the community. Sports and Entertainment Marketing encourages students to think critically and problem-solve via project-based assignments. Respect, responsibility, leadership, and integrity are all emphasized as students develop the career skills necessary for success in the highly competitive business world of sports and entertainment.

**Personal Finance**      2 semesters      1 credit

The goal of Personal Finance is to help students to become financially responsible, conscientious members of society. To reach that end, this course develops students' understanding and skills in such areas as money management, budgeting, financial goal attainment, the wise use of credit, insurance, investments, and consumer rights and responsibilities. This course will give students the tools and resources

needed to make wise financial decisions. Students will analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned to financial situations encountered later in life.

**Small Business Management (instructor approval required)**      2 semesters      1 credit

*Small Business Management (SBM)* is an advanced course in business ownership, management and marketing. You will study entrepreneurship topics covering merchandising and display, financing, advertising layout and design, and additional aspects of running a business plan. This class primarily revolves around operating the Bigfork High School store, the Little Spoon. The Little Spoon is a retail-training laboratory which provides opportunity for development of skills and knowledge through "hands-on" experience in purchasing, selling, pricing, promotion, product and service planning, customer service, individual and group critical thinking and decision-making skills.

**Computer Business Applications**      1 semester      ½ credit

This course covers the basics of using Google Applications (Docs, Sheets, Slides, Draw, Forms, and Calendars).

## FAMILY AND CONSUMER SCIENCE

**Culinary Skills and Nutrition I (LAB FEE: \$20)**      2 semesters      1 credit

**Prerequisite: Grades 10, 11, 12**

The theme of the movie *Ratatouille* and this class is: "Anyone Can Cook!" This course will interest students who want to learn to cook for personal use at home, as well as for careers in the food industry. Basic culinary fundamentals are developed through both study and application of skills in food preparation. Over 30 labs may include breads and biscuits, pasta, eggs, fruits and vegetables, soups, and meats, as well as baking skills, including cakes, cookies, pies, and quick breads. Students will also learn food nutrition, healthy eating, and careers in the nutrition and dietician fields. Cooperative group skills and teamwork are important components of this class.

**Culinary II: World Cuisine (LAB FEE: \$25)**      2 semesters      1 credit

**Prerequisite: Culinary Skills and Nutrition I with a B or better**

Students will expand their culinary skills during this year-long class. This course will involve a more in-depth exploration of culinary techniques, as well as the use of more exotic ingredients and will take students around the world, discovering different cooking styles and ingredients used by a variety of cultures, countries, and continents including Italy, Asia, France, Greece, Mexico, and more. For example, students will learn to make pasta, focaccia bread, and tiramisu from Italy; sushi, dumplings, and Japanese pancakes from Asia; French onion soup, boeuf bourguignon, and crepes from France; spanakopita and baklava from Greece; tacos, enchiladas, and flan from Mexico!

**Textiles and Apparel (1<sup>st</sup> Semester)**      1 semester      ½ credit

Students make pillowcases, bags (grocery bag or purse), and pajama bottoms, but this class is much more than learning to sew! Students will develop time management, problem-solving and decision-making skills through selection, completion, and evaluation of their garment and projects. Each quarter advances sewing skills as well as knowledge of fiber, fabric, and design. Students are responsible for purchase of supplies and materials for their projects. This is a self-paced class and if you finish the previous projects you may choose a pattern of your own, sew pillowcase dresses for children in Africa, make a Christmas stocking or weave a basket.

**Introduction to Architectural/Interior Design**      1 semester      ½ credit  
**(Spring Semester)**

This course provides students with an introduction to residential design. Students learn about the elements and principles of design and how to apply them in the planning of interior spaces. Areas of study include understanding both personal and clients wants and needs, housing options, design styles, architectural styles, introduction to architectural drawings, and career opportunities in the field of interior design.

## TRANSPORTATION

**Small Engine Mechanics and Electric Motors**      1 semester (FALL OR SPRING)      ½ credit  
**(formerly AUTO I)**

This class will begin with full safety procedures on all shop equipment. This class is an introduction to the automotive field of repair and maintenance. It will cover most of the basic systems of the automobile through classroom instruction and hands-on shop practice – shop safety, use of tools and equipment and basic knowledge of all areas of the automobile. Students will have the opportunity to learn how to service and recondition small engines, typically emphasizing both two- and four-cycle engines. This course provides students with opportunities to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust, and starting systems;

use hand, power, and rebuild-specific tools; read and interpret service manuals and parts databases. Applications may include minibikes, motorcycles, snowmobiles, ATV's, side-by-sides, four-wheelers, chainsaws, snow-blowers, wood-splitters, lawn mowers, etc.

**Lab Fee: \$10**

**Welding (WLDG 111)** 1 Semester (FALL OR SPRING) ½ credit HS – 3 College credits

(10<sup>th</sup> grade and up) This course provides students the opportunity to demonstrate an understanding of the characteristics of pressurized gasses and avoid hazardous fumes while welding; Hook up welding equipment properly; Proficiently weld on a single plate, and two connecting pieces of ferrous metals; Demonstrate an understanding of welding beads, joints, and welding from all positions; Demonstrate proficiency in flat position with shielded metal arc welding (SMAW) *This is a dual-enrollment course. Students can earn high school credits and 3 credits of college level elective credit. There is a \$25 lab fee for consumables. Jeans or work pants and leather boots are required.*

**Fabrication Basics/FVCC( WLDG 145) – Fall Semester:** ½ credit HS—3 College credits

**Prerequisite: C+ or better in Introduction to Welding/FVCC WLDG 111.**

This course covers basic fabrication techniques as they relate to product manufacturing, maintenance and repair. Topics presented include bending, forming, shearing and punching operations. Students will be introduced to industrial blueprints used in the welding industry including terminology, weld symbols, weld specifications, dimensions, industry and AWS standards. Emphasis is placed on flux core arc welding (FCAW/MIG). This course also covers safety, correct usage, proficiency, and the pros and cons of thermal torch cutting (i.e. hand held plasma and oxy-fuel).

*This is a dual-enrollment course. Students can earn high school credits and 3 college-level elective credits. There is a \$75 lab fee for consumables. Jeans or work pants and leather boots are required.*

**Welding Qualification Test Prep/FVCC Welding 185 - Spring Semester** ½ credit HS—3 College credits  
**(Formerly Advanced Welding)**

**Prerequisite: C+ or better in Introduction to Welding**

This is a dual-enrollment course. Students will earn highschool credits and 3 credits of college level elective credit. \$75 lab fee, jeans or work pants and leather boots required.

**Powersports/Small Vehicle Mechanics - (Formerly Auto II):** 2 semesters 1 credit

**Prerequisite C+ or better in Small engine/small motor mechanics–BLOCK PERIOD with Tech English and/or math**

This course provides students with the knowledge and skills to repair and maintain small vehicles including minibikes, motorcycles, atv's/four-wheelers, snowmobiles, side-by-sides, personal watercraft, etc.; Topics include but are not limited to maintaining frames and suspension, wheels and brakes, and drivetrains; servicing fuel, exhaust, and electrical systems; performing tune-ups; and maintaining and repairing engines. Students will also perform basic automotive maintenance and repairs and learn shop safety in addition to personal, technical and career specific skills. *There is a \$40 lab fee for consumables.*

**Creative Writing**

1 semester (fall)

½

credit

We will follow the art of creative writing through its most basic elements: language, rhythm, voice, and style. We will spend most of our time experimenting with different forms of poetry and prose. As well, we will read poetry, short stories, and excerpts from novels to develop a writing foundation and a sense of the avant-garde. We will play writing games and explore different genres of writing. You will have the opportunity to submit your work to national writing competitions, too. Your final “exam” will be an organized, clean, edited, portfolio of your work from the entire semester.

**Discovery**

1 semester (fall)

½

credit

Discovery is a skills-based course intended to create positive change in your life. You will explore your thoughts and behaviors through journal writing exercises, projects, and by reading empowering pieces of literature. You will confront the challenges you and others face and learn specific strategies to overcome them. Throughout the semester, you will work on bettering yourself every day. You will improve our communication skills, assertiveness, and problem solving abilities -- all the while developing the resilience needed to overcome difficult situations. You will develop a strong sense of community, learn vital leadership skills, and improve your reading/writing skills.

**English I (Grade 9)**

2 semesters

1 credit

English I classes develop skills in literature, speech, media literacy, and writing that will enable students to succeed during and after their high school career. Some novels studied, but not limited to, are *Romeo and Juliet*, *To Kill a Mockingbird*, *Ender's Game*, and *Lone Ranger and Tonto Fist Fight in Heaven*.

**English II (Grade 10)**

2 semesters

1 credit

Sophomore English focuses on composition and conventions, persuasive speech, oral storytelling, critical thinking skills, speaking and listening skills and literary terms. Readings include *Animal Farm*, *The Chocolate War*, *Fahrenheit 451*, *Serial (The podcast series)* and *The Lord of the Flies*. Several short stories will be surveyed as supplemental readings with an emphasis on analyzing rhetoric and style.

**English II Honors: (Grade 10)**

2 semesters

1

credit Sophomore Honors English focuses on composition, breaking down complex ideas such as gender roles and societal norms, persuasive speech, oral storytelling, critical thinking, speaking and listening skills, and literary terms. Readings include *The House on Mango Street*, *The Lord of the Flies*, *Fahrenheit 451*, and *Brave New World*. Several short stories and critical essays will be surveyed as supplemental readings with an emphasis on analyzing rhetoric and style.

**English III (Grade 11)**

2 semesters

1 credit

Junior English will meet core state standards by sampling works from many genres, including Colonial to present day American literature. This class focuses on speaking and listening, debate, in-depth research projects based around real world issues, critical thinking, and writing in many forms and formats. Assessments will be based on tests, writing, class discussions, projects and presentations. Meeting the common core state standards of reading, writing, English, and speaking and listening is the focus, as well as preparation for the ACT which all juniors take in the spring.

**Junior Honors English (Grade 11)**

2 semesters

1 credit

Junior Honors English will meet core standards by sampling works from many genres, including Native American literature, Colonial to present day American literature, young adult literature, and poetry. It will focus on speaking and listening, debate, critical thinking, and writing in many forms and formats. This class will also focus on preparing students for ACTs through various writing assignments, vocabulary and testing skills.

**Senior English (Grade 12)**

2 semesters

1 credit

Senior English class will meet core standards by sampling works from multiple genres. We will make sense of them using different literary schools of thought and represent those understandings through speaking and listening, debate, critical thinking, and academic writing. During the second semester, students will focus on the production and presentation of a senior project, due in May.

**Senior Honors English (Grade 12)**

2 semesters

1 credit

This high-level honors English class will meet core standards by sampling works from many genres including science fiction, memoir, literature of war and sports, and drama. We will focus on close reading and academic writing using critical theories in literature including Moral Criticism, Formalism, Marxism, Psychoanalysis, Structuralism, and Post-Structuralism. During the second semester, we will focus on the production and presentation of the senior project that will come due early in May.

## **Senior English: Trades Literacy and Workplace Prep (second semester COLS 115 (FVCC)**

**2 semesters**

**1 credit (HS) plus 1 credit (college)**

Seniors in the cohort will learn to write effectively using appropriate styles and formats for community business and trade audiences. Students will develop their ability to read and analyze complex technical texts and professionally communicate practical ideas clearly and concisely. Students will also learn to use a variety of digital tools and resources to support their writing and research. The **Workplace Preparation for Occupational Trades** FVCC/COLS 115 portion of this course teaches technical writing skills and professionalism necessary for success in their chosen industries. Students create a working resume and cover letter, as well as learn interviewing and salary negotiation techniques. Topics covered include networking and communication, time management, and professional appearance.

*This is a dual-enrollment course. Students can earn high school credits and 1 college-level elective credit.*

## **College Writing I: WRIT 101**

2<sup>nd</sup> semester only

½ credit/ 3 College Credits

**(College Credit Only)**

**Prerequisite: Junior or Senior and fulfill eligibility requirements to be a Running Start student**

Instruction and practice in expository writing, this course emphasizes specific writing and revision techniques to develop coherence, conciseness, clear and forceful style and voice, and thinking skills. Assignments range from short pieces to essays and a research paper. Mastery of the basics of grammar and mechanics is assumed.

## **Intro to Literature (college LIT 110)**

1st semester only

½ credit/3 college credits

**(College Credit Only)**

This introductory course focuses on the reading, enjoyment, and critical analysis of fiction, poetry and drama. Students will read world literature, as well as works of the American West, contemporary dramatists, minority writers, and works focusing on the lives of immigrants, expatriates, and first-generation Americans.

## **Film and Literature**

1st semester only

½ credit

Students enrolling in Film as Literature will view and analyze a variety of quintessential films that have made a lasting impression on society. Students will explore what literature and film mean in the context of a multicultural society, studying canonical pieces as well as new and rediscovered voices. Students will explore social, historical, economic, political, and artistic issues. The goals of the course include: 1.) instilling in students a passion for writing, 2.) providing students with a voice in society, 3.) teaching students how to analyze films as texts and modern fiction and non-fiction, and 4.) preparing students to be active, critical thinkers in our modern society.

## **Journalism**

2 semesters

1 credit

**Prerequisite: Meet with instructor to obtain signature**

Journalism is a full year elective class that teaches the basic elements of news media. It is a class that can be taken all four years of high school and your responsibility and accolades grow as the years pass, (i.e. reporter, editor, to editor in chief). It is rigorous and should serve as ample preparation for college journalism programs. We are known mostly for the monthly newspaper, The Norse Code, which is funded, written and designed by students in the journalism class. Journalism students are also required to learn the basics of website design, social media outreach, photography, magazine writing and layout, video journalism, and other multimedia projects as time allows. There will be frustrating moments when you spend a period uploading documents only to see them vanish, or when a paper comes back and it is more red ink than it is written word. These are the perils; hopefully the pride of product and the awesome skills you will learn will outweigh those hardships.

## **Literary Magazine**

1 semester (spring)

½ credit

**Prerequisite: Meet with instructor to obtain signature**

In Lit Mag we will apply the skills learned in Creative Writing to push pieces of poetry and prose toward publication in a magazine that combines the best writing and art produced across the entire school over the course of a year. We will fundraise and professionally publish our magazine each year and compete against other high schools across the country (and world) for prestigious awards.

## **Mythology**

1 semester (spring)

½ credit

Have you ever wondered why many of the hero movies you watch are so similar in the plot? Do you love reading stories about the Greek gods and their interactions with humans? Although different myths are found all around the world, they share many commonalities through time and place. This course will analyze those commonalities and use this study to look at the modern world. Units covered include an anthropological study in order to lay a foundation for how to examine a culture, Greek and Roman mythology, the Hero's Journey story format, Norse mythology, and other regions depending on time available. Grades are based on projects, presentations, and tests.



## HEALTH ENHANCEMENT

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### **Strength and Conditioning**

1 or 2 semesters

½ credit each sem.

This class is designed to explore the health-related fitness concepts of cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition. Students will exercise daily and learn a variety of muscle strengthening exercises combined with overall cardiovascular health.

### **Freshmen Physical Education:**

1 semester

½ credit

This class is designed for students to participate in a variety of sport-related activities and explore beginning level fitness concepts. Students can expect to participate in physical activity daily by completing drills and competitive activities in individual and team sports.

### **Health:**

1 semester

½ credit

This class is designed to help students to learn about various health topics and how they pertain to a person's physical, social, and mental/emotional well-being. Health topics include communicable and chronic diseases, consumer and community health, environmental health, family and social health, growth and development, injury prevention and personal safety, life skills, mental and emotional health, nutrition, personal health and physical activity, and substance abuse.

### **Fitness For Life**

1 or 2 semesters

½ credit

each sem. Throughout this course students will work individually and cooperatively to successfully participate in lifelong fitness activities. Activities that are related to this course will include everything from individualized fitness exercises, as well as team building projects and many other outdoor pursuits weather permitting.

## INTERNATIONAL LANGUAGES

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### **Spanish I**

2 semesters

1 credit

**Prerequisite: Earned a "C" or better in English**

Students are introduced to the Spanish language and culture through a variety of different activities. In class, the target language is acquired through activities involving listening, interactive learning, group work, and language videos. The Spanish language is reinforced through daily practice, classroom participation, homework, exercises, and studying. Culture introduced through videos, discussions, readings, artwork and vocabulary. By the end of the school year students will be able to converse on a basic level.

### **Spanish II**

2 semesters

1 credit

**Prerequisite: Spanish I with a "C" or better**

This class continues to build on the vocabulary and grammar acquired in Spanish I. Written and oral skills are further developed through daily practice, group projects and activities, classroom readings, videos, and homework exercises. Culture is studied through videos, discussions, readings, artwork and vocabulary. Four learning skills are emphasized: listening, speaking, reading and writing.

### **Spanish III**

2 semesters

1 credit

**Prerequisite: Spanish II with a "C" or better**

This course continues to build on the vocabulary and grammar concepts acquired in Spanish II. Students learn Spanish through daily participation, authentic literature, culture, history, classroom activities, group projects, and homework exercises. Comprehension and conversation are the skills emphasized at this level. Spanish is primarily used in the classroom.

### **Spanish IV**

2 semesters

1 credit

**Prerequisite: Spanish III with a "C" or better**

This course continues to build on the vocabulary and grammar concepts acquired in Spanish II. Students learn Spanish through daily participation, authentic literature, culture, history, classroom activities, group projects, and homework exercises. Comprehension and conversation are the skills emphasized at this level. Spanish is primarily used in the classroom.

**Pre–Algebra** 2 semesters 1 credit

This course prepares students to take Algebra I. This course reviews readiness skills, arithmetic operations and an introduction to elementary algebra skills. Some topics covered are: operations with integers, fractions, decimals, use of exponents, properties of equality and order, fractions, solving equations, polynomials.

**Algebra I** 2 semesters 1 credit

**Prerequisite: Pre-Algebra with a “C-” or better**

The topics covered in Algebra I include a review of arithmetic skills, solution of equations, graphing of equations, usage of exponents, binomial operations and factoring. Algebra I provides the foundation for later mathematics.

**Geometry** 2 semesters 1 credit

**Prerequisite: Algebra I with a “C-” or better \***

Topics covered in Geometry include a review of Algebra skills, the study of plane figures and their properties and formal mathematical proofs. Geometry provides a vehicle for development and enhancement of logical thinking processes.

**Algebra II** 2 semesters 1 credit

**Prerequisite: Algebra I & Geometry with a “C-” or better; or conference with Alg. II teacher \*** Topics covered in Algebra II include a review of Algebra skills, exponents, radicals, imaginary numbers, conic sections, quadratic equations, numerical application of geometric topics. Algebra II provides the mathematical foundation necessary for the future study of behavioral or physical sciences.

**Math for Daily Living** 2 semesters 1 credit

The focus of the class is to have a strong understanding of all mathematical concepts used on a daily basis. We will also focus on concepts that are not used every day but will be beneficial to have and understand. Some of the concepts that will be covered are: Balancing a checkbook· Balancing a budget· Managing bills· Basic skills for home remodels· Measurement and Dimensions· Applying for a Job· Vehicle Costs and Maintenance· Different Types of Pay· And Many More

**Extended Technical Mathematics: M 114** 1 semester (spring) 1 credit HS / 3 College Credits

Prerequisite: appropriate placement test score, or Math Department consent and Co-enrollment in Advanced Woods or Advanced Vehicle Mechanics. This course presents mathematical topics as they are applied in a trades program. Topics covered include use of measuring tools, measurement systems and dimensional analysis, basic algebra topics, scientific notation, applied geometry, right and oblique triangle trigonometry, and exponential and logarithmic formulas.

**Pre-Calculus** 2 semesters 1 credit

**Prerequisite: Algebra I and II, Geometry with a “C-” or better average**

Topics covered include trigonometric identities and applications, complex numbers, polar coordinates, vectors, conic sections, analytic geometry, functions, statistics, data collection and analysis, matrices and logarithms.

**Probability and Linear Math: M115** (Dual Enrollment-1<sup>st</sup> semester) 1 semester ½ credit HS – 3 College

**Prerequisite: Junior or Senior and fulfill eligibility requirements to be a Running Start student** The course will cover systems of linear equations and matrix algebra including linear programming. An introduction to probability with emphasis on models and probabilistic reasoning will be covered. Examples of applications will be demonstrated from a wide variety of fields.

**Introduction to Statistics: STAT 216** (Dual Enrollment - 2<sup>nd</sup> Semester) 1 semester ½ credit HS – 4 College

**Prerequisite: Junior or Senior and fulfill eligibility requirements to be a Running Start student** Graphical methods, measures of location and dispersion, probability, commonly used distributions, estimation, and tests of hypotheses through analysis of variance are introduced. Five major probability distributions are discussed: the binomial, normal, student's t, chi-square, and the F distribution.

**Numerical and Graphical Analysis: 1<sup>st</sup> Semester** 1 Semester ½ credit

This course is designed to expand the understanding of linear, quadratic, polynomial, exponential, logarithmic, rational, radical and trigonometric functions as well as a deeper understanding of numeracy skills and algebra concepts. The course will also establish the

rigorous foundation for mathematical concepts required in higher level mathematics courses and hone the student's ability to model situations.

Topics include: (1) understanding the domain and range for functions (2) behaviors of functions regarding zeros, turning points, maximums and minimums, end behaviors, etc. (3) function operations and how they impact the domain (4) understanding common algebra issues and how to correct the misunderstanding (5) graphical analysis of functions and relating one curve to another, for example position and velocity or velocity and acceleration.

**Calculus I: M171** (Dual-Enrollment - 2<sup>nd</sup> Semester) 1 semester ½ credit HS – 5 College

**Prerequisite: Pre-Calculus with a “C-” or better in both semesters. Junior or Senior and fulfill eligibility requirements to be a Running Start student**

This is the first of three standard courses in calculus at the college level. The course includes limits and continuity, derivatives, applications of derivatives and integration. The types of functions studied include algebraic, trigonometric, exponential, and logarithmic.

**\*\*Must have a “C-” or better in semester 1 to advance to semester 2\*\***

**\* Policy to “double up” taking two math courses in one school year (Geometry and Algebra II):**

1. Have a conference with Algebra II and Geometry teachers, and Counselor to determine the student's academic goal regarding mathematics.
2. Earned a B or better in Algebra I both semesters
3. Earn a B or higher in both math courses enrolled in – must drop Algebra II at first semester if not
4. If at any point in the first quarter a student's grade is lower than a C in either math course and/or upon teacher recommendation, the student must participate in a math intervention (ie: tutoring, study backs, etc) to raise the grade by first quarter's end.

**Algebra I, Geometry, and Algebra II**

1. If at the end of the first semester a student's grade is lower than a C-, the student will be enrolled in a credit recovery course during the second semester.
2. Students must earn a C- for the second semester and complete the credit recovery course in order to advance to the next course.

# MUSIC

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## **Concert Band**

2 semesters

1 credit

The Bigfork High School Concert Band is an instrumental performance ensemble that runs as a year-long course. The learning outcomes for this ensemble include: understanding and reading music, music theory, historical and modern band literature, instrument techniques and more. Students should expect to rehearse in a class setting everyday with a focus on mastering technique and learning all styles of music. Each semester will have multiple performance opportunities (all of which are required to remain enrolled in the class). Students will be graded on daily participation in class, growth as a musician and performance attendance. This group will also participate in pep band and other school related performance responsibilities.

## **Percussion Ensemble**

2 semesters

1 credit

The Bigfork High School Percussion is an instrumental performance ensemble that allows expanded teaching on the many areas of percussion. This is a year-long course. Attending performances is a requirement of this group, as it will serve as the “percussion section” for all concert bands. Students will learn a variety of percussion areas including: drumline, mallets, snare, timpani and drum set. Students in this ensemble are required to be in drumline and must attend all drumline events (such as football games/ basketball and concerts). This group will also perform as a stand alone ensemble at most high school concerts as well as perform at district festival. Students may be asked to purchase their own sticks and mallets as needed. No musical background is required for this group, if you are interested at all in drums you should consider enrolling in this class!

## **Jazz Ensemble (zero hour)** (teacher permission required)

2 semesters

1 credit

The Bigfork High School Jazz Ensemble is an instrumental performance ensemble specializing in all forms of jazz/modern music. This is a select group for students with at least 2 years of band experience (instructor permission required). This year-long course will rehearse in a group setting daily to refine the skills needed to play the many styles present in the genre of jazz. *Students must enroll in a concert band or percussion class to be eligible for Jazz Ensemble.* The learning outcomes will include: jazz techniques and vocabulary, improvisation, jazz theory and history and performances. Each semester the group will have multiple performance opportunities (all of which are required to remain in the class). Jazz Ensemble members are expected to attend pep band events as much as possible. Students will be graded on their participation in class, growth as a musician and attendance of performances.

## **Chorus**

2 semesters

1 credit

During this year-long course, students will participate in a mixed voice ensemble (SATB) that meets daily to rehearse a wide variety of vocal music styles such as pop, rock, musical theater, classical and jazz. Emphasis is given to building good vocal technique and performance skills as a member of the choir and/or small ensembles, and as a soloist. The choir gives several live performances each school year. Grades are based on attitude, daily participation, and required concert/festival performances.

## **Music Theory/Tech**

1 semester (fall)

½ credit

Explore the world of creating music digitally through programs like Musescore, GarageBand, and Audacity. With the focus primarily on music rather than singing, you'll discover how much you have to offer to the performing arts. You'll learn the elements of music through basic theory, aural perception, and rhythmic practice, which will allow you to accomplish composition projects along the way.

## **MUSICAL THEATER:**

1 semester (spring)

½ credit

Students in this class will discover the history of musical theatre including show titles, famous songs and performers, composers and lyricists, as well as the technical aspects behind the scenes. Everyone should be expected to occasionally immerse themselves into acting, singing, and dancing roles as they develop and/or enhance their overall performance abilities. We will rehearse a couple short musical medleys which could lead to some performance opportunities in front of an audience.

# SCIENCE

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## **Anatomy and Physiology**

2 Semesters

1 credit

### **Prerequisite: Biology**

This course will study in-depth the workings of the human body and disease. It will cover histology, pathology, nutrition and metabolism, exercise physiology, and the following body systems: skeletal, muscular, reproductive, integumentary, cardiovascular, all labs are required.

## **Astronomy Grades 10-12**

1 Semester

½ credit

### **Prerequisite: One year of lab science and Geometry or Concurrent enrollment in Geometry**

This course will introduce students to aspects of astronomical science beyond what is normally studied in Earth Science. Students will investigate the motion of The Earth, moon and stars, inquire about the connections between energy matter and gravity, construct simple telescopes to study their use, examine the life cycle of stars, galaxies, black holes, and develop an understanding of early astronomical history, space exploration, and the future of humans in space.

## **Biology**

2 Semesters

1 credit

This introductory Biology course serves as an intermediate between the life and physical science concepts of junior high to the more rigorous concepts of Chemistry and Anatomy. Introductory biochemistry, the basic workings of the cell, genetics, microorganisms, plants and body systems are the focus of this course of study. Labs are an integral part of this course and students who pass this class are expected to be proficient in communicating their lab results in writing.

## **Chemistry**

2 Semesters

1 credit

### **Prerequisite: Biology, Algebra II should be taken before or concurrently**

A beginning college prep course on the study of matter and the changes it undergoes. Periodic trends, moles, bonding, thermodynamics, quantum mechanics, naming compounds, polarity and molecular shape, stoichiometry, energy changes, acids and bases and oxidation reduction reactions are some of the topics for this course. Labs are an integral part of this course.

## **Earth Science**

2 semesters

1 credit

This science course provides an introduction to four major sciences that will explore basic principles of geology, astronomy, meteorology and oceanography. Laboratories are included in this course.

## **Forensics**

1 semester (spring)

½ credit

### **Prerequisite: Biology, Geometry**

Students will develop an understanding of biological, chemical, and physical concepts as they relate to law. Topics include but are not limited to: history of forensic science, crime scenes, physical evidence, DNA analysis, fingerprints, hairs and fibers, drugs, and more. Emphasis will be placed on developing an understanding of relevant scientific concepts through lab experimentation.

## **Physics**

2 semesters

1 credit

### **Prerequisite: Algebra II completion**

As one of the most fundamental scientific disciplines, physics attempts to understand how the very universe behaves. Students learn about energy in all of its forms, followed by a hands-on study of forces, motion, waves, electricity, magnetism, atomic, and nuclear physics. Students also carry out, analyze and evaluate labs of their own design. Finally, students research the many ways electricity is generated, the implications of its global implementation and the unintended consequences of those applications.

## **Projects in GIS: SRVY 290 (Dual Enrollment)**

2 semesters

1 credit HS - 2 College credit

### **Prerequisite: Junior or Senior and fulfill eligibility requirements to be a Running Start student**

During the 1<sup>st</sup> semester the class focuses on local environmental issues and technologies that are used to assess, monitor, and manage these issues. Students will use technologies including Photoshop, Microsoft Excel and ArcGIS to work together on projects with an emphasis on field data collection. During the 2<sup>nd</sup> semester, each student completes a GIS project utilizing remote sensing and students create GIS layers to display and analyze geographic data. Most projects are conducted in partnership with natural resource managing agencies such as the US Forest Service, National Park Service, and Montana Fish Wildlife and Parks. Examples of projects include, determining factors affecting season bird migration, mapping vegetation communities in a wetland using infrared imagery, and calculating road kill densities along a major state highway. Students work closely with the course instructor to develop and implement the project.

Students are required to share project findings with partnering agencies in a report and presentation near the conclusion of the course. Depending on the complexity of the projects, students may be asked to develop a poster or online application as a part of the project.

**Sports Medicine (CTE credit)**

2 semesters

1 credit

**Prerequisite: Biology and Anatomy Physiology**

This course explores the body's performance, therapy and recovery from injury. Subjects also include communication skills, career exploration, controlled and uncontrolled substances as performance enhancers, fitness, sports nutrition, caring for injuries, proprioception, biomechanics, bioethics, case studies, injury prevention, and psychology related to sports.

## SOCIAL SCIENCE

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**American Government Grade 12 requirement**

1 semester (fall)

½ credit

The government class at Bigfork High School is a comprehensive course covering all areas of civics. It deals with the role of citizenship. This is followed by a brief overview of the formation of our government and the current Constitution. Then during the course of the year we deal with the 3 branches of government at the federal, state, and local levels.

**Government (College Level)**

1 semester (fall)

½ credit or 3 college credits

Students will explore the nature, purpose, and forms of the American government; relationship between function and structure; dynamics of political change; governmental problems of modern society; emphasis upon constitutional principles, political processes, public opinion interest groups political parties, elections, congress, the Presidency and the Courts.

**Economics Grade 12 requirement**

1 semester

½ credit

This Economics course covers the U.S. economy from a macroeconomic and microeconomic viewpoint. The class will discuss government revenue/spending, labor wages, monetary policy, economic performance, individual/national investing, global trade/competition and comparative economic systems. Students will also look at supply, demand and price in regards to individuals and firms. There will be several projects that will enhance student understanding of economics.

**United States History Grade 11 requirement**

2 semesters

1 credit

U.S. History is a required, year-long inquiry course generally taken during a student's junior year. This course is a survey of the political, social, cultural, and economic history of the United States from the Pre-Colonial period to the Modern Era. American History explores a variety of events from America's past and present and integrates concepts in geography, economics, politics, social science, current events, and international affairs. Students are engaged in critical thinking, conduct thesis-driven research, complete various types of historical reading and writing, and present arguments and presentations before small and large groups.

**American History I Grade 11 requirement (Dual Enrollment-1<sup>st</sup> semester)** 1 semester ½ credit HS – 4 College

This class will explore the major themes and issues in American history from early settlement through the end of the American Civil War and Reconstruction. Class discussions and assignments will emphasize the political, social, economic, and cultural dimensions of United States history that are still seen today. Themes that may be addressed in American History I: Native person's' culture and history, ethnic collaboration and confrontation, exploration and settlement of the North American continent, emerging American character, New World politics and economics, rebellion and revolution, industrialization, history and mythology, compromise and the collapse of the nation, and manifest destiny.

**American History II Grade 11 requirement (Dual Enrollment-2<sup>nd</sup> semester)** 1 semester ½ credit HS – 4 College

A survey of the social, political, economic, cultural, and intellectual history of the United States from 1877 to the present. American History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in American History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

**World History Grade 10 requirement *Honors Available***

2 semesters

1 credit

This is a survey of world history starting from prehistoric times up to colonial America. Students compare and contrast the history and culture of the peoples of Africa, Asia, Europe, North America and South America. Students learn the geography of the world and develop critical thinking skills.

**Montana History**

1 semester (both semesters)

½ credit

The course examines the development of Montana as a territory, state, and its place in America's regional and national histories. Emphasis is given to the varied peoples and cultures who coexist in Montana and issues and triumphs that arise from this mosaic. The course touches on the lives of major political and social leaders as well as its fundamental documents. Montana history analyzes the geographic locations and natural resources of our state, dissecting how the search for individual accomplishment and new frontiers shaped the state physically, politically, and culturally.

**Current Events**

1 semester (fall)

½ credit

Students will be up-to-date on what is going on locally, nationally and worldwide. We will look at multiple sources and views from experts. Students will come away with skills to help them navigate this new technological world and the information that is presented.

**Units to be covered:** Media Bias, Legitimate Sources, Local and State News, National News (U.S.), World News

**Native American Studies**

1 semester (spring)

½ credit

Students will learn about our local Indian tribes in Montana and those spread throughout the United States. They will also learn about these tribes' customs, governments and traditions through readings, videos, speakers and projects. All lessons are connected to Montana Indian Education standards.

**Units to be covered:** Diversity Among the tribes in Montana, Diversity Among the tribes of the United States, Diversity Among individual tribal Members, Tribal Governments, Tribal Games, language, food and traditions