

BIGFORK HIGH SCHOOL



Registration Handbook
2023-2024

Letter to Parents



Dear Parents and Student:

After reading through the course offerings in this booklet, students should select their classes for the **2023-2024 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.

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, Survey 290 through the Environmental GIS course with Mr. Bodenhamer, and two education classes, EDU101 and EDU205 with Mrs. Ball and Mrs. Kallenberger.

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

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. 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 test scores. Honors classes are not weighted any 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 th – World History, 11 th – U.S. History, 12 th - 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
Total	23.0	

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	___	___		___	___

College Athletes (see following page)

16 core required for NCAA Division I
& Division II

www.ncaaeligibilitycenter.org

2 of 3 requirements for NAIA

www.naia.org

MT Univ. System Honor Scholarship

Must fulfill Rigorous Core requirements

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

2 years of same International Language

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

Each space represents one semester ½ credit

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

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 a designated college-prep composition or research-writing course	4
Social Studies	Global Studies (such as world history, world geography); American history; and Government, Economics, Indian History or other third year course. Recommendation: ½ yr of other courses such as psychology, humanities	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

POST HIGH SCHOOL OPTIONS

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 transferrable 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.

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 under employed, 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 a 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.

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

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.

<p style="text-align: center;">DIVISION I 16 Core Courses</p> <p>4 years of English</p> <p>3 years of mathematics (Algebra I or higher)</p> <p>2 years of natural/physical science (including 1 year of lab science)</p> <p>1 year of additional English, mathematics, or natural/physical science</p> <p>2 years of social science</p> <p>4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)</p>		<p style="text-align: center;">DIVISION II 16 Core Courses</p> <p>3 years of English</p> <p>2 years of mathematics (Algebra I or higher)</p> <p>2 years of natural/physical science (including 1 year of lab science)</p> <p>3 years additional English, mathematics or natural/physical science</p> <p>2 years of social science</p> <p>4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)</p>
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NAIA ELIGIBILITY

www.naia.org

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
ACT (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 www.act.org or by mail (packets can be found in the Counseling Office). ★ See the Counseling Office in the fall for a list of test dates and registration deadlines.	Opt.	Free to all juniors (and required by the state) on campus in April	X
PSAT/NMSQT – Preliminary SAT/National Merit Scholarship Qualifier Test. This test is given in early October at Bigfork High. It allows student to participate in a national scholarship competition, receive recognition, and practice for the SAT Reasoning Test.	Opt.	Opt.	
Pre-ACT – 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.	9 th and 10 th		
SAT REASONING and SAT SUBJECT TESTS – 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 www.sat.collegeboard.com . ★ See the Counseling Office in the fall for a list of test dates and registration deadlines.	Opt.	X	X
COMPASS – Placement test given and accepted at most community colleges (FVCC) and/or one- and two-year tech. schools. Register for the test by calling the FVCC testing center at 756.3880 or by making an appointment to take it at BHS with a Running Start Advisor.		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 – free ACT and SAT practice up to 3x per year each test
- ✓ www.sat.collegeboard.com – practice and registration for the PSAT and SAT
- ✓ www.act.org – practice and registration for the ACT

✓ www.act.org/compass -- practice for the Compass

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 be used 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?

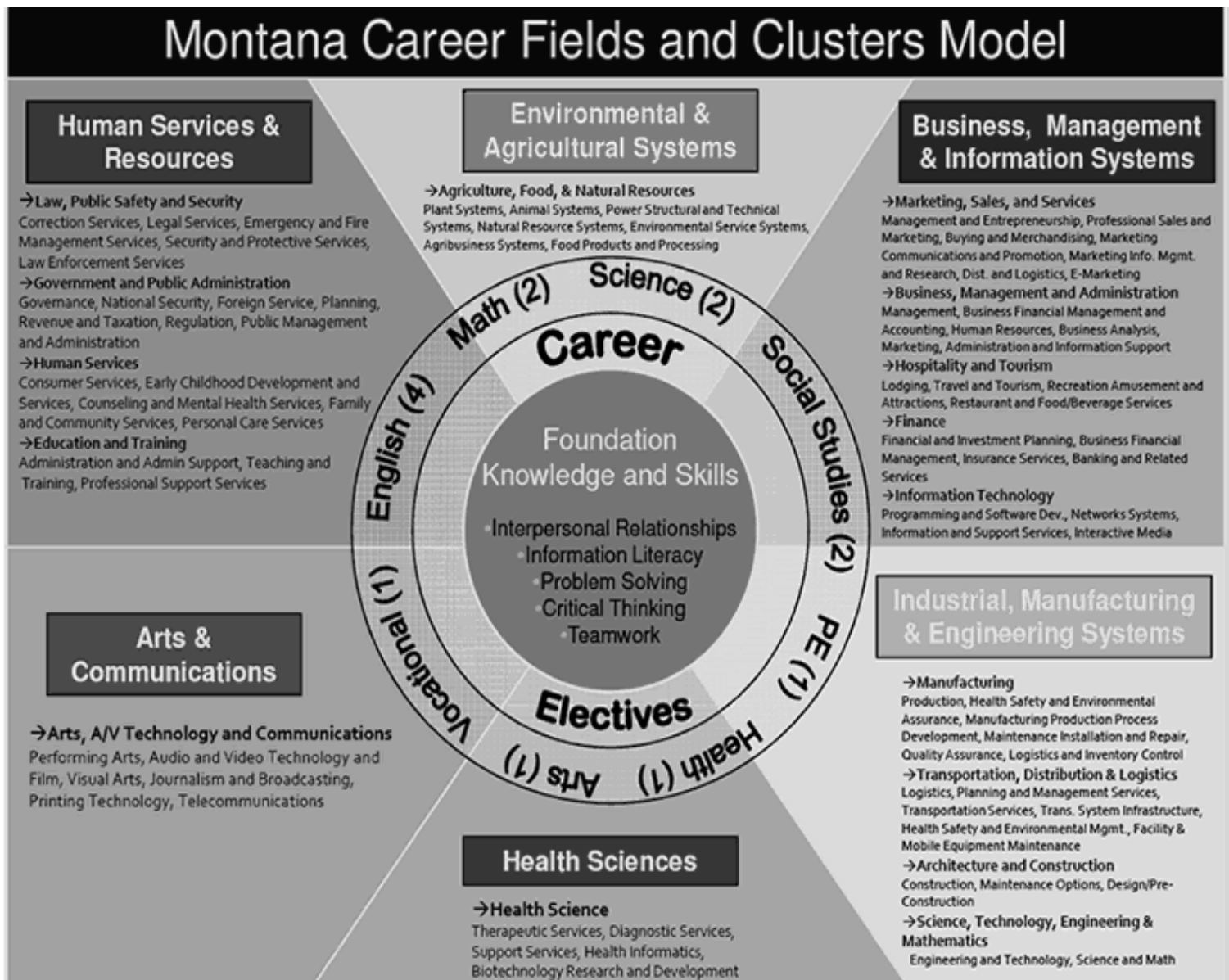
EXPLORE THE SIX CAREER AREAS!

DISCOVER YOUR CAREER FIELD!

LET'S GET STARTED! →

Career Fields

By taking interest 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 in the 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.

EDUCATION LEVELS		GRADE	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 Initiated for all Learners						Include, but not limited to		
	9	English I	Pre-Algebra, Algebra I, or Geometry	Earth Science		Career & Tech. Ed. 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 to GPS Natural Resource Issues	Science Astronomy Basics Astronomy: Stars & Cosmos Bioethics Symposium Biotechnology DNA Technology Environmental Science Epidemics: Ecology or Evol. Genes and Disease Intro. to Biology (Pre-AP) Intro. to Environ. Sci. (Pre-AP) Meteorology Oceanography Pre-Veterinary Medicine Career & Tech. Ed. Marketing & the Internet	
	10	English II	Algebra I, Geometry, Algebra II	Biology	World History				
	11	English III	Geometry, Algebra II, Pre-Calculus	Anatomy & Phys., Chemistry, GIS	U.S. History				
	College Placement Assessments-Academic/Career Advisement Provided								
	12	English IV	Algebra II, Pre-Calculus, Calculus	Anatomy & Phys., Chemistry, GIS, Physics	Government/Econ.				
POSTSECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges		
	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		

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.

<u>On the Job Training or Some Schooling</u>	<u>Certificate or Two Year Degrees</u>	<u>Four Year and Professional Degrees</u>
Actor/Actress Disc Jockey Floral Designer Handcrafters Instrumentalist Lighting Technician Merchandise Display Model Music Copier Music Store Employee Painter (Artist) Photo Journalist 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 & Patternmakers 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 & Patternmakers 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 Photo Journalist/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 goals.



EDUCATION 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 Initiated for all Learners</i>					Include, but not limited to		
	9	English I	Pre- Algebra Algebra I Geometry	Earth Science		ART Adv. Drawing, Adv. Painting, Ceramics	Art Photography Design Digital Photography	Career & Tech. Ed. Advanced Web Design Animation & Effects English Language Arts 101 Ways Write Short Story Academic Write, AP Eng. Lit & Comp, AP Eng. Lang. & Comp., Basic Essay Wrtie, Irish Lit, Folklore & Lit of Myth, Ghoulies, Ghosties & Beasts, Hearts of Darkness, Heroes, etc. Music American Popular Music History & Pop Music Music Composition Music Listening & Critique Social Science American Multiculturalism American Foreign Policy AP Psychology Intro. to Psychology (Pre-AP) Philosophy 1 Psychology 1 Sociology 1
	10	English II	Algebra I Geometry Algebra II	Biology	World History	General Art, Photo English Lang. Arts	Basic Video making Watercolor I	
	11	English III	Geometry Algebra II Pre-Calculus	Anatomy & Physiol. Chemistry GIS	U.S. History	Lit. Mag., Media Lit, Creat. Write, Theatre & Drama, Journalism, Battle School, Mythology	Motion Picture Apprec. Acting for non-majors Stagecraft Theatre Design & Prod	
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>					Music Band, Choir, Jazz Band, Percussion	Communication Business Comm. Tech. Writing, etc.	
	12	English IV	Algebra II Pre-Calculus Calculus	Anatomy & Physiol. Chemistry GIS, Physics	Government/Econ.			
POSTSECONDARY	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 Motion Picture/Video Theatre		Goldsmithing-Bench Computer Science Technology	

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 goals.

EDUCATION LEVELS	GRADE	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 Initiated for all Learners					Include, but not limited to		
	9	English I	Pre- Algebra Algebra I Geometry	Earth Science		Career & Tech. Ed Accounting I, II, II , Culin. Skills, Personal Finance. English Lang. Art Literary Magazine, Creative Writing, Journalism, Media Literacy, Theatre & Drama, Mythology, Battle School	Principals of Marketing Customer Service Micro Economics Macro Economics Small Business Management Elementary Statistics Human relations in Business Principles of Management Business Communications Leadership	Career & Tech. Ed. AP Economics Intro. to Economics (Pre-AP) English Language Arts Academic Writing Literacy Skills for the 21st Cent. Writing & Telecommunications Math 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. Social Science 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 III	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.			
POSTSECONDARY	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 blue prints?
- ☐ 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?

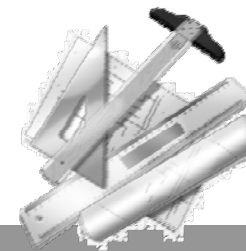
Are you...

- ☐ 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 Photofinishers 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 goals.

EDUCATION LEVELS	GRADE	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 Initiated for all Learners					Include, but not limited to		
	9	English I	Pre-Algebra Algebra I Geometry	Earth Science		Career & Tech. Ed. 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 I II Electric Code Study Fund. HVAC/R Fundamentals Basic Wiring Electrical Drafting Intro to Piping Systems Intro to Plumbing Fixtures Plumbing Theory and Code	Career & Tech. Ed. CAD Computational Sci. & Engineer. Using JAVA Engineering Principles Science 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 III	Algebra II Geometry Pre-Calculus	Anatomy & Physio. Chemistry GIS	U.S. History			
	College Placement Assessments-Academic/Career Advisement Provided							
	12	English IV	Algebra II Pre-Calculus Calculus	Anatomy & Physio. Chemistry GIS, Physics	Government/Econ.			
POSTSECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges	
	Building Trades Surveying Electrical Technology Heating, Ventilation and Air Conditioning Heavy Equipment Welding and Fabrication Technology Engineering		Aviation Construction Technology Drafting Technology Process Plant Technology Metal Fabrication Technology		Applied Mathematics Construction Engineering Management Environmental Engineering Military Aerospace Studies Statistics Public Health		Building Trades Heating, Ventilation & Air Conditioning Plumbing Welding & Fabrication	

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, medivac 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 Electroencephalograph 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 goals.

EDUCATION LEVELS	GRADE	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 Initiated for all Learners					Include, but not limited to		
	9	English I	Pre-Algebra Algebra I Geometry	Earth Science		Career & Tech. Ed. Culinary Skills/Nutrit. Health Enhancement Health, Phys Ed, Speed & Strength, Weight Training Science 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	Career & Tech. Ed. Parenting in the 21st Century Perspectives in Health Science Advanced Topics in Chemistry AP Biology or Environ. Science Bioethics Symposium Biotechnology Chemistry II: Chem. of Civilizat. DNA Technology Environmental Chemistry Environmental Science Epidemics: Ecology or Evol. Forensics
	10	English II	Algebra I Geometry Algebra II	Biology	World History			
	11	English III	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	Anat & Phys, Chem, Forensics, GIS, Physics, Sports Med	Government/Econ.			
POSTSECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges	Genes & Disease Intro. to Biology, Chemistry or Environ. Science (Pre-AP)
	Medical Assistant Paramedicine (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	Oceanography The Human Body Social Science AP Psychology Intro. to Psychology (Pre-AP) Philosophy 1 Psychology 1 Sociology 1

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?*

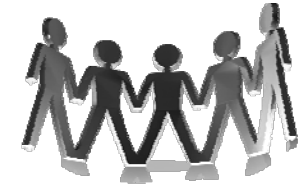
Are you...

- ☐ *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



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High School	<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>					Include, but not limited to		
	9	English I	Pre-Algebra Algebra I Geometry	Earth Science		Career & Tech. Ed. Textiles & Apparel English Lang. Arts Creative Writing Literary Magazine Science Forensics, Sports Med, GIS	Introduction to Criminal Justice Native American Studies Intro. To Sociology Intro. To Education Early Childhood Education Intro. To Human Services	Career & Tech. Ed. Kindergarten Apprentice Teach. Parenting in the 21st Century Perspectives in Health English Language Arts Cultural Ident. Through Literature Literacy Skills for the 21st Cent. 21st Cent. Women Authors Writing and Telecommunications Young Adult Literature Science Environmental Chemistry Environmental Science Epidemics: Ecology or Evol.
	10	English II	Algebra I Geometry Algebra II	Biology	World History			
	11	English III	Geometry Algebra II Pre-Calculus	Anatomy & Physiol. Chemistry GIS, Forensics	U. S. History			
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>							
	12	English IV	Algebra II Pre-Calculus Calculus	Anat & Phys, Chem, GIS, Physics, SportsMed	Government/Econ.			
POSTSECONDARY	Flathead Valley Community College		Montana Colleges of Technology		Montana Colleges/Universities		Community Colleges	Forensic Science Genes & Disease The Human Body Social Science American Foreign Policy American Multiculturalism AP Psychology Constitutional Law Current Iss. in Am. Law & Justice Intro. to Psych. (Pre-AP) Philosophy 1 Sociology 1
	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

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, 11TH & 12TH grade with all graduation elective requirements met

Assist the librarian on tasks as needed; checking books in and out, re-shelving 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

1 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.

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. .

EDU101: Teaching and Learning

1st or 2nd semester

½ credit or 3 college

EDU 101 is a discussion-centered course designed to develop our critical understandings of public education and the role of classroom teachers in today's public schools. We will discuss what it means to know, to learn, and to teach. We will examine how public schools developed and changed over the last 100+ years and how the teachers' roles have evolved accordingly. We will look at challenges facing teachers today and society's expectations of teachers and public schools through short and longer texts of theory, practice, and teacher

narrative. Our responses to texts include writing, both formal and informal, discourse, and presentation. Most importantly, we will begin to see the classroom as a place of work, of community, of inclusion, and of infinite promise.

EDU205: Instructing Math, Reading, and Writing

1st or 2nd semester

½ credit or 3 college

EDU 205 is a semester long course taught by Mrs. Kallenberger in the elementary building during 7th period. It is a dual-credit class offered by FVCC to juniors and seniors. This course is perfect for students who are interested in education and working with children. You'll receive hands-on experience for teaching and testing in reading, writing, and math. You'll participate in fun activities and create lessons for students in the younger grades.

ART

Printmaking (second semester only)

1 or 2 semesters

1 credit

In this course students will focus on traditional and nontraditional ways to print artwork. We will work through etching, woodblock carving, Lino Cutting and Silk printings as our way to create and express our visions through these techniques.

Painting (offered both semesters)

1 or 2 semesters

½ credit

Painting class is a basic studio course in the media and techniques of painting. Activities will emphasize the study of color, structure, creativity, and aesthetic values in general. A command of techniques and materials, both traditional and experimental, will be taught.

Drawing (offered both semesters)

1 or 2 semesters

½ credit

This course focuses on the development of observational skills and drawing techniques, employing a wide range of drawing media including charcoal, graphite, conte, and ink. Students in this course will develop both technical abilities and creative responses to material and subject matter. Additionally, students will learn how to critique drawings and receive criticism and advice from fellow students and the instructor. Learning to articulate artistic concepts and processes using discipline-specific vocabulary is a fundamental part of this course.

Art History (offered both semesters)

1 or 2 semesters

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.

Sculpture (offered both semesters)

1 or 2 semesters

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.

Illustration (offered both semesters)

1 or 2 semesters

½ credit

Through this course, students will learn the fundamentals of illustration by exploring the link between language and imagery. Students will translate ideas, text, or narrative into pictures that communicate to others. The elements and principles of design will be an integral part of illustration. Through in-class exercises and projects, students will work on both concept and drawing skills. Basic techniques of using pen and ink, ink wash, watercolor, graphite and digital illustration will be covered.

Graphic Design (offered both semesters)

1 or 2 semesters

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 InDesign.

Photography I and II (offered both semesters)

1 or 2 semesters

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 postproduction skills. Digital Photography will familiarize the student with digital photographic equipment, materials, methods, and processes. Visual problem-solving skills are explored using the computer as the main tool for creative expression and communication.

CAREER AND TECHNICAL EDUCATION

BUILDING TRADES

Woods I/Building Trades

2 semesters

1 credit

This course will include shop and tool safety instruction, basic knowledge of woods (species, etc.), what woods are used and why, as well as gaining a working knowledge of hand and power tools. For each type of building project, students will learn building design and eventually fabricate a model home. The course will emphasize quality work with little material waste.

Woods II/Building Trades

2 semesters

1 credit

Prerequisite: "C" or better in Woods I

This course will start with a refresher on shop and tool safety. From there, the course is made up of four parts beginning with a basic working knowledge of concrete – building forms and putting in a foundation. Then, the course will move to basic stud construction of a home and roof systems. Third, plumbing; acquiring a basic knowledge of a septic system, wells, running fresh water lines and all drain lines, design to code and all the different types of plumbing systems. Finally, electricity; designed to code, a full residential electrical system for the average home. There will be large project built during this course, such as sheds, cabins, etc.

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.

Computer Business Applications

1 semester

.5 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: \$15)

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 pie and pastries, yeast breads, fruits and vegetables, frittatas, ice cream, muffins and energy bites. Additional emphasis is placed on knowledge of sanitation, safety, food science, nutrition, sustainable food systems, work organization, food selection and healthy eating. Cooperative group skills are an important component of this class.

Culinary II: World Cuisine (LAB FEE: \$20)

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 and topics with an emphasis on international cultures and cuisine. Labs can include canning and food

preservation (peaches, pickles and jam), risotto, sushi, cake decorating and more. Students may plan field trips to experience global and gourmet foods or tour local food producers.

Textiles and Apparel (1st 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.

Travel and Tourism (Spring Semester EVERY OTHER YEAR)

1 semester

½ credit

Tourism is Montana's 2nd largest industry and is growing rapidly. The post-secondary institutions are expanding to meet the workforce needs and so are we. This is an introductory course exploring the components and complexity of travel, tourism, hospitality and recreation. Students have an opportunity to research career possibilities at the local, state and global levels of these industries. Reading, writing, budgeting and geography skills will be emphasized as they relate to the course content. Students complete many computer projects such as creating their own Amazing Race and inventing a product for Shark Tank. Students plan an itinerary for an international trip, choosing their own travel destination.

Introduction to Architectural and Interior Design (Spring Semester EVERY OTHER YEAR)

1 semester

1/2 credit

This course provides students with an introduction to residential design. Students learn about the elements and principals 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 (Lab Fee \$10) (every other year (formerly AUTO I))

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.

Welding (LAB FEE: \$25) scholarships available

.5 credit HS – 3 College credits

Welding 111-(10th 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 Welding 145 – Fall Semester:

.5 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 (Formerly Advanced Welding)

.5 credit HS—3 college credits

Prerequisite C+ or better in Introduction to Welding
This is a dual-enrollment course. Students will earn high school credits and 3 credits of college level elective credit. \$75 lab fee, jeans or work pants and leather boots required.

2 semesters, 2 periods

2 credits

Powersports/Small Vehicle Mechanics - block/2 periods (Formerly Auto II).

Prerequisite C+ or better in Small engine/small motor mechanics:

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.

ENGLISH LANGUAGE ARTS

Creative Writing

1 semester

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

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.

Drama I

1 semester

½ credit

In this semester class where fine art credit can be earned, students will explore the world of the stage. From acting, audition, improvisation, dramatic literature, singing, dancing, rapping, blocking, and movement to stagecraft, production. Be prepared to take a thorough look into the world of acting. Students will also learn skills in Adobe Premiere Pro and Audition. Much of your grade will be based not on performance but on participation. You will be expected to participate in every activity to the best of your ability. Be prepared to step out of your normal comfort zone.

Drama II

1 semester

½ credit

Drama I A more advanced course than Drama I. Students are expected to be familiar with the terminology and other aspects of acting; students by this point will also need to have a grasp of how to operate Adobe Premiere and Audition proficiently. This class will focus more on putting together a production, including planning and marketing. Students will also be expected to push themselves to be comfortable in front of the camera and on stage. This class is not for the shy or quiet.

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:

2 semesters

1 credit

Sophomores 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

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

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.

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

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 fund raise and professionally publish our magazine each year and compete against other high schools across the country (and world) for prestigious awards.

Mythology

1 semester

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.

College Writing I: WRIT 101 (College Credit Only)
Credits1st or 2nd semester

3 College

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.

HEALTH ENHANCEMENT

Strength and Conditioning

1 or 2 semesters

½ credit ea. 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 ea. 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

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 is 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 III. 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.

MATH

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 (instructor permission only)

2 semesters

1 credit

The focus of the class is to have a strong understanding for 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 check book· 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

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-1st 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 - 2nd 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: 1st 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 - 2nd 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. Student must earn a C- for the second semester and complete the credit recovery course in order to advance to the next course.

MUSIC

Concert Band

2 semesters

1 credit

All types of music comprise the subject matter: pop/rock, show songs, classical and jazz. The band makes numerous appearances outside of class both during school hours and after school, e.g., assemblies, athletic events and music festivals. Since the band has so many after school responsibilities band should be considered a performance course.

Wind Ensemble

2 semesters

1 credit

This is a “by audition only” ensemble. The Wind Ensemble is the premier ensemble at Bigfork High School. The goal of this music performance course is to provide the opportunity for you as a woodwind, brass, or percussion performer to come together with other like-minded (and like-spirited) musicians in an ensemble setting to rehearse and perform standard and emerging literature from the wind ensemble repertoire.

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 theatre, 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 AND TECH

1 SEM

.5 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 SEM

.5 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.

GUITAR

Guitar is a year-long class that explores many styles and genres of music. This non-performing class starts with learning how to play notes and chords the first semester where we take these skills and play for elementary classes right before winter break. Second semester we use all the basics from first semester to dive into finger-picking styles, song development and writing and end the year with playing downtown Bigfork during our semester test time. An hour a day playing guitar...it's amazing how quickly you will progress! No prior experience required but make sure you bring your discipline and be ready to work hard.

SCIENCE

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 student 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

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

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

During the 1st 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 a field data collection. During the 2nd semester, each student completes a GIS project utilizing remote sensing and student created 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. Student works closely with the course instructor to develop and implement the project. Student is 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 student may be asked to develop a poster or online application a part of the project.

SOCIAL SCIENCE

American Government Grade 12 requirement

1 semester

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

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 *Honors Available*

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

This course starts from pre-revolutionary times and runs through modern history. The emphasis on major events such as the Civil War and the Great Depression tries to show how troubled times and good times both strengthen our nation.

American History I Grade 11 requirement (Dual Enrollment-1st 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 persons 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-2nd 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 geography of the world and develop critical thinking skills.