

# **MOUNT BAKER HIGH SCHOOL**



## High School Graduation Planning Guide and Course Catalog

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# Academic Information

## Academic Calendar/Daily Schedule

MBHS is on a trimester schedule with three 12 week grading periods. The school day runs from 7:55 AM until 2:30 PM. Students attend five classes each day. Base Camp is every day for 35 minutes. During Base Camp students receive extra academic help, attend PRIDE 101, go to extra-curricular clubs, or attend assemblies.

## Academic GPA

Regular grade point average (GPA) is computed on a 4-point scale with the following point values awarded per grade: A = 4, B = 3, C = 2, D = 1, and F = 0. In addition, a second “weighted” GPA will also be calculated for students.

## Course Selection/Pre-Registration Process

Students choose courses in the month of March. 9th-11th grade students choose their courses during PRIDE 101, and confirm their plan with their family at student-led conferences. Incoming 8th grade students choose their courses at the family information night held in the first two weeks of March.

## Class Change/Drop Policy

- Students will have the **first 5 school days** of each One Trimester to request a schedule change.
- To request a schedule change, students must fill out a “Counselor Request Form” (located by the counseling offices).
- Students have 10 days to drop a class. If a student chooses to drop a class after the 10-day window has lapsed, parents will be contacted and the student will receive an “F” on their transcript.
- Schedule changes will NOT be made for the following reasons:
  - To switch lunches;
  - To have classes with friends;
  - Student does not like his/her teacher;
  - Student is failing the class;
  - Class is considered “too hard”.

## Seal of Biliteracy and Competency Based Credit

MBHS students have the opportunity to receive the State of Washington’s Seal of Biliteracy. The Seal of Biliteracy is a recognition of students who have studied and attained proficiency in two or more languages by the time they graduate. It is intended to help students recognize the value of their academic success and promote the benefits of being bilingual. Students can also take a standardized test in their chosen language. Students may earn up to four elective credits depending on their test scores.

## NCAA Athletic Requirements

The NCAA Eligibility Center is an organization that clears student athletes for initial eligibility in NCAA division I and II athletic programs. If you are a student athlete with aspirations for college athletics, it is important to note that your athletic eligibility in college will be tied to your performance and completion of required classes in high school, as well as to your graduation from high school. For specific information and requirements, log onto the [NCAA eligibility site](#). Note also that it is **a student and/or parent’s responsibility to determine college athletic and eligibility requirements**, and not the responsibility of the Mount Baker staff, coaches, or athletic department. Generally, **any online courses do not count**.

## Dual Credit

MBHS students have opportunities to earn college and high school credit through a variety of programs.

### College In The High School

MBHS students can earn college credit through Everett Community College and Bellingham Technical College for course

work done in select high school classes. Students and families should talk to their school counselor for details.

Running Start

Students who qualify have the option to attend college courses at any local community or technical college. Most MBHS students enrolled in Running Start attend either Whatcom Community College or Bellingham Technical College. Students and families MUST attend a mandatory meeting to learn about the details of Running Start. This meeting is typically held in early March. See your school counselor for details.

**Mount Baker High School Graduation Requirements**

Course Work		
Course Areas	2024	2025 and Beyond
English	4	4
Social Studies	3	3
Math	3	3
Science	3	3
Career & Technical Education	2	2
Physical Education	1.5	1.5
Health	0.5	0.5
Fine Arts**	2	2
World Language**	2	2
Other Courses	7.5	7
Washington State History	Taken in Junior High	Taken in Junior High
Total Credits Required	28.5	28

*\*\*Depending on a student's Post-High School Plan, they can take less Art or World Language. See school counselors for details.*

State law requires that students in addition to meeting core credit requirements must also show evidence that their skills align with their Post-High School Plan. There are a variety of ways students can meet this requirement. A summary of these options is listed below.

**ASVAB Option**

Armed Services Vocational Aptitude Battery (ASVAB) is an assessment students can take to complete a career/college pathway. Students must meet the minimum score (see school counselor for exact scores).

**Dual Credit Enrollment Option**

Students who pass a dual credit class and earn an eligible grade (typically a C or higher) in English and math complete a pathway. Dual credit classes include Running Start and College in the High School classes at MBHS.

**SAT/ACT Option**

The SAT and ACT are college placement tests that students can take to complete a career/college pathway. The SAT is given in October and May at MBHS. See school counselor for minimum score requirements.

### **Smarter Balanced Assessment Option**

All MBHS students will attempt the Smarter Balance tests in math and English Language Arts (ELA). These state mandated tests are typically taken in the 10th or 11th grade. Students who meet certain scores on these assessments complete the career/college pathway.

### **CTE Program Options**

Students who complete two credits of specific Career and Technical Education courses meet the career/college pathway requirement.

### **Online Courses**

MBHS has limited online course offerings. Most online courses are taken for students to retrieve credit. In some circumstances students can take online courses in the place of traditional classes. Typically, online courses do **NOT** meet NCAA eligibility criteria. For details and different options, students should meet with their school counselor.

### **Summer School**

MBHS typically runs a 3-4 week summer session one week after the school year ends. Sessions run in the mornings Monday-Thursday. Students can sign up for summer in April and May. Students should see their school counselor for specific dates, costs, course offerings, and other details.

### **PRIDE 101**

Students attend PRIDE 101 at least twice a month, during Base Camp.. The focus of PRIDE 101 is to help students pursue their post high school goals. In PRIDE 101 students work on and complete two graduation requirements: the PRIDE Presentation and Post-High School Plan.

## Example Four Year Plan for MBHS Students

### Grade 9

<i>Typical Schedule</i>	<i>Honors/Advanced Schedule</i>	<i>Supported Schedule</i>
English 9 (2 trimesters)	English 9 (2 trimesters)	English 9 (2 trimesters) or Read/Write Skills (3 trimesters)
Environmental Biology (2 trimesters)	Environmental Biology (2 trimesters)	Environmental Biology (2 trimesters)
Geometry A/Geometry B (2 trimesters)	Algebra 1A/Algebra 1B (2 trimesters)	Geometry A/Geometry B (2 trimesters)
Health (1 trimester)	Health (1 trimester)	Health (1 trimester)
Computer Applications (1 trimester)	Computer Applications (1 trimester)	Computer Applications (1 trimester)
7 electives (one trimester each)	Social Studies or 2 Electives (2 trimesters)	Study Skills (3 trimesters)
PRIDE 101 (3 trimesters)	5 electives (one trimester each)	4 electives (one trimester each)
	PRIDE 101 (3 trimesters)	PRIDE 101 (3 trimesters)

### Grade 10

<i>Typical Schedule</i>	<i>Honors/Advanced Schedule</i>	<i>Supported Schedule</i>
English 10 (2 trimesters)	English 10 (2 trimesters)	English 10 (2 trimesters) or Read/Write Skills (3 trimesters)
Earth, Matter and Motion (2 trimesters)	Earth, Matter and Motion (2 trimesters)	Earth, Matter and Motion (2 trimesters)
Algebra 1A/Algebra 1B (2 trimesters)	Algebra 2A/Algebra 2B (2 trimesters)	Algebra 1A/Algebra 1B (2 trimesters) (2 trimesters) or Computation Skills (3 trimesters)
Social Studies (2 trimesters)	Social Studies or US History (2 trimesters)	Social Studies (2 trimesters)
7 electives (one trimester each)	Spanish (2 trimesters)	Study Skills (3 trimesters)
PRIDE 101 (3 trimesters)	5 electives (one trimester each)	4 electives (one trimester each)
	PRIDE 101 (3 trimesters)	PRIDE 101 (3 trimesters)

### Grade 11

<i>Typical Schedule</i>	<i>Honors/Advanced Schedule</i>	<i>Supported Schedule</i>
English 11 (2 trimesters)	English 11 Honors (2 trimesters)	English 11 (2 trimesters) or Read/Write Skills (3 trimesters)
Science (2 trimesters)	Chemistry (2 trimesters)	Science (2 trimesters)
Algebra 2A/Algebra 2B (2 trimesters)	Pre-Calculus (3 trimesters)	Int. Algebra 2 (2 trimesters) or Computation Skills (3 trimesters)
US History (2 trimesters)	US History or US Gov/CWP (2 trimesters)	US History (2 trimesters)
7 electives (one trimester each)	Spanish 2 (2 trimesters)	Study Skills (3 trimesters)
PRIDE 101 (3 trimesters)	4 electives (one trimester each)	4 electives (one trimester each)
	PRIDE 101 (3 trimesters)	PRIDE 101 (3 trimesters)

### Grade 12

<i>Typical Schedule</i>	<i>Honors/Advanced Schedule</i>	<i>Supported Schedule</i>
English 12 (2 trimesters)	English 12 Honors (2 trimesters)	English 12 (2 trimesters) or Read/Write Skills (3 trimesters)
Math in Society or Finance (2 trimesters)	Calculus (3 trimesters)	Math In Society or Finance (2 trimesters) or Computation Skills (3 trimesters)
US Government (1 trimester)	US Government (1 trimester)	US Government (1 trimester)
Current World Problems (1 trimester)	Current World Problems (1 trimester)	Current World Problems (1 trimester)
PRIDE 101 (3 trimesters)	Spanish or Elective (2 trimesters)	6 electives (one trimester each)
	4 electives (one trimester each)	PRIDE 101 (3 trimesters)
	PRIDE 101 (3 trimesters)	

# Course Descriptions



## Career and Technical Education

(Agriculture, Family and Consumer Science, and Technology)

### Agriculture

#### Animal Biology

Students will learn in-depth animal science and biotechnology in this class which applies to human systems very well. There are intensive laboratory experiments in animal nutrition, reproduction, anatomy, genetics, biotechnology, running gel electrophoresis, DNA Evaluation, and management of animals. Students will also have the opportunity to dissect organs to learn how they function. Students will complete a science research project in class in the spring on a project of their choice. Highly recommended for students going into medicine, veterinary, health, and nursing. Strong interest in science is highly recommended.

**Graduation Requirement Area:** Science, CTE

**Grade Levels:** 10,11,12

**Prerequisites:** Environmental Biology

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** AGR161, AGR162

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

#### Advanced Floral Design

This is a project based course and provides an opportunity for students to enhance their knowledge and skill in creating floral arrangements. Students will create new and more complicated arrangements in the advanced course and put to use those skills gained in the floral design course. Students will design flowers to wear, plan the arrangements for events in the floral industry and learn how to harvest and prepare flowers for use. This course also includes an opportunity to create a retail floral shop and develop customer service and floral advertising techniques. Potential arrangements in this course includes, wreaths, centerpieces, dish gardens, and creating large scale arrangements for various holidays and designing fresh flowers into vases. Students will also use their new found skills to create arrangements outside the classroom for an SAE project.

**Graduation Requirement Area:** CTE, Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:** Floral Design

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** AGR129

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

#### Advanced Metal Fabrication

Advanced Skill development in MIG, TIG, Stick welding, milling, and lathe work. Students complete skills and then can work on special projects either student driven or teacher driven. Students can also earn American Welding Society SENSE Level 1 Certification and will complete both knowledge (online) and performance assessments. Examples include using the ArcLight CNC Plasma system to cut artistic metal cutouts, building a trailer, metal sculptures, and other projects.

**Graduation Requirement Area:** CTE, Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:** Intro to Metals

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** AGM537,AGM538

**College in the High School:** Yes

**College Course Name:** GMAW 1

**College Course Code:** WLD 220

## **Agricultural Communications**

A trimester-long course that focuses on communication, reading, writing, and presentation skills with an emphasis in agriculture. Students will read current events in agriculture from various news sources and research and write on agricultural issues. In addition, Microsoft Word, PowerPoint, and Publisher will be used to create media to communicate a desired product or message. We will also create and utilize business documents and tools such as: memorandums, resumes, cover letters, e-mails, and

business cards. There will be both individual and collaborative projects in this course. Public speaking and class presentations will be heavily emphasized.

**Graduation Requirement Area:** CTE

**Grade Levels:** 11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** AGR540

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## **Natural Resources**

Want to get out of the classroom? This is your opportunity to learn some valuable skills while doing so. This is a very unique opportunity for students to learn about the outdoors with topics in forestry, watershed management, wildlife management, renewable energy, and fisheries. Units include tree identification, timber stand improvement, timber cruising, surveying, issues, forest ecology, forest management, GIS/GPS mapping, diseases and pests, compass work, outdoor projects, and water quality. The class also manages the 100 acres of school timber at Williams Road, Sumas Mt. and Silver Lake. We also have access to over 1000 acres of DNR property to utilize as part of this class. The class spends a lot of time outdoors, with hands-on learning that applies science and math principles. Spring SEM will include the natural resources, wildlife and watershed management, and fisheries technology. Students must have a satisfactory math and science background to succeed in this class.

**Graduation Requirement Area:** Science, CTE

**Grade Levels:** 11,12

**Prerequisites:** Environmental Biology or teacher recommendation

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** AGR151,AGR152

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## **Floral Design**

Students will learn the basics of designing and creating floral arrangements in this class. Topics include the use of color, form, texture, design, focal point and balance. Students will learn about the history of floral design, the use of accessories, the care and maintenance of cut flowers and the effect that holidays have on the floral industry. They will enhance their use of mechanics by learning how to properly tape and wire flowers and arrangements. Students will also have the opportunity to gain floral sales and marketing experience and learn to price arrangements for a customer. Each student will learn to plan events and design the arrangements and determine details for an actual event arrangement. Floral arrangements will be created for students to take home themselves, and each individual will be given the opportunity to use their knowledge of arranging flowers outside of the classroom for an SAE project.

**Graduation Requirement Area:** CTE, Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** AGR127

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A



## Greenhouse Management

Greenhouse Management is an advanced plant science course for students that enjoy working outside and in the greenhouse facility. This plant intensive course teaches students how to grow and manage annual and perennial plants, design and landscape an outdoor space, identify plants, manage nursery stock, manage insects and pests, soil use, planting techniques, and disease control. Students will also conduct research projects on various vegetables and grow start plants for their own garden space. Fruit production is another topic related to this class, and students will learn advanced pruning and grafting techniques. Each student will spend 75% of their time in the greenhouse or outdoors during the spring trimester and will learn to grow, manage and market plants for an annual plant sale. Each student will also have the opportunity to participate in a SAE project outside of the classroom environment and put into practice what they learn at home.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** AGR120

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Introduction to Metals

This class is for the student who likes to work with their hands and mind. Intro to Metals includes safety, basic welding methods using SMAW with 6010 and 7018, MIG welding, oxy acetylene and basic welding. Tap and die skills, drilling skills and sheet metal work. Students must also complete an SAE project on a welding technique, small gas engine or job search to complete the requirements of the class.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** AGM501

**College in the High School:** Yes

**College Course Name:** SMAW 1

**College Course Code:** WLD 110

## Landscape Design

During this course students will learn to design and create landscapes through hand drawn floor plans and computer generated software. You will be able to identify, select and install a variety of plants and hard good materials to design front yard and backyard spaces. Learn to install turf grass or grass seed to create a lawn space and how to fertilize, water and maintain any landscape installed. Additional skills gained include how to operate landscape equipment safely, pruning plants to maintain their shape and use, and using color to create a design that gains attention. Students will also participate in a SAE project to design a landscape for a specific purpose and spend a significant amount of time outdoors during this class.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** AGR135

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Mechanics and Fabrication

Students will work on small gas engines, measurements, tear down and rebuild, measuring and troubleshooting. Wiring electric motor controls, sensors, thermostats, timers, and limit switches. Residential wiring of outlets and lights. Lathe and milling skills will provide students with entry level skills for apprenticeships and work. Students will also do some oxy-acetylene cutting and advanced welding skills. Students will have the opportunity to use the ArcLight CNC plasma cutting system to create designs and cut metal art as well as learning about finish work.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:** Intro to Metals

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** AGM535

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## **Plant Biology**

Students will gain in-depth knowledge of plant science and learn in a unique classroom setting in the high school greenhouse. Classroom topics include: plant anatomy, genetics, planting techniques, pruning and landscape management, plant ID, fertilizer use, greenhouse management, insect control, plant growth and careers in horticulture. Students will also participate in exciting research projects related to plants' growth in our greenhouse facility, and grow tomato plants for the high school kitchen lunch program. This is a hands-on course perfect for any student that enjoys learning science through a plants' perspective. Each student will also have the opportunity to participate in a SAE project outside of the classroom environment.

**Graduation Requirement Area:** Science, CTE

**Grade Levels:** 10,11,12

**Prerequisites:** Environmental Biology

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** AGR111

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## **Business**

### **Career Choices**

Students will learn about and create a career plan, cover letter, and a resume. Students will also learn job search skills, interviewing skills, employment laws, budgeting and fill out job applications. Career Choices is a prerequisite for the Work Based Learning class.

**Graduation Requirement Area:** CTE

**Grade Levels:** 11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:**

**College in the High School:** No

**College Course Name:**

**College Course Code:**

### **Computer Applications**

Computer applications will introduce students to Microsoft Word, Microsoft Excel. Includes instruction in PowerPoint, Excel, Word, Digital Literacy, Digital Citizenship, and social media.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** BUS301

**College in the High School:** Yes

**College Course Name:**

**College Course Code:** Formatting with MS Word, Computerized Touch Keyboarding

### **Introduction to Computer Programming**

Computer Programming is a preparatory course that counts as one credit of occupational education and potentially mathematics credit. In this full-year class, students learn program design and basic programming in Java. Topics include primitive types, procedural programming (methods, parameters, return values), basic control structures (if-else, for loop, while loop), array manipulation, file processing, and using and defining objects (identifying reusable components, class relationships). Students learn by designing, writing and testing their own software. Throughout the course, students will explore Javascript, Unity, and related topics, such as computer security, ethics, industry opportunities, and career paths. Repeated class learns other programming languages

**Graduation Requirement Area:** Math, CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:** Computer Applications

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** BUS401

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## **Intro to Cybersecurity**

Learn about networking, software security, & the basics of programming and cryptography. Explore the causes of security breaks and how programming can be used to prevent and repair breaches in computer security. Guest speakers in the field of Cybersecurity to present real world applications as well.

**Graduation Requirement Area:** CTE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** BUS501  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Marketing**

A course that teaches marketing concepts and skills and the underlying business foundations required for the understanding and development of marketing. Elements such as distribution, financing, marketing-information management, pricing, product/service management, promotion and selling along with the foundations of economics and communications are introduced in this course.

**Graduation Requirement Area:** CTE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** Two Trimesters  
**Repeat For Credit:** No

**MBHS Course Code:** BUS201,BUS202  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Work Based Learning**

In the Work Based Learning class students can earn up to 2 credits by having a job that connects to their post-high school plan. Students must be on track to graduate and have a job. Students must have taken Career Choices and have teacher permission.

**Graduation Requirement Area:** CTE  
**Grade Levels:** 11,12  
**Prerequisites:** Career Choices and teacher permission  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:**  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Technology**

### **Advanced Woodshop**

Advanced Woodshop is a CTE elective class, and can only be taken after completing Woodshop. The class is intended for students who enjoy woodworking and want to improve their skills. Self motivation, and work ethic are important aspects of this advanced course where students will learn and be assessed on workplace readiness skills. Students will be expected to plan, design and create custom projects independently. The course focuses on self designed projects, applying the design process to solve specific problems. Students will be exposed to laser engraving as a design tool and more advanced woodworking techniques. Students will have the opportunity to gain knowledge of the business side of woodworking producing products intended for resale through student industries and other vendors such as etsy and ebay. Graduation Pathway: Pass woodshop, pass 3 trimesters of advanced woodshop, pass OSHA 10 certification.

**Graduation Requirement Area:** CTE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:** Woodshop  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** TEC131  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## Digital Media

Digital Media is a CTE elective class that provides students with an introduction to the fundamentals of using Photoshop, an introduction to photography, and using digital content to produce physical projects. Laser engraved coasters, vinyl cutting for shirts and stickers. This project based class will develop your creativity with every project. Assignments have set criteria, but allow for individual expression and creativity. Students will have opportunities to design projects for the laser engraver, and vinyl cutter. This is an exploratory class that introduces students to the process of digital design.

**Graduation Requirement Area:** CTE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** TEC153,TEC154  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## Drafting/Computer Aided Design (T)

CAD is a CTE elective class. The course provides an introduction to Computer Aided Drafting using Rhino CAD. Class assignments provide students with structure, but allows students to add their own creativity to each project. Using our laser engraver we take the designs from CAD and send them to the laser to be cut out. This allows us to have design challenges like catapults, paper gliders, and a marshmallow moving challenge. There is also access to 3d printers to help bring designs to life.

**Graduation Requirement Area:** CTE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** TEC141,TEC142  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## Introduction to Trades

In Intro to Trades, students will experience a wide breadth of industry trades that are available in Whatcom County. Students will foundationally experience auto-body/collision repair, robotics, construction, electrical, painting, plumbing, robotics, and landscaping. There will be opportunity to research careers and what is needed to go into a trade. This will be a foundational skill, hands-on course that will provide experiences across very diverse industries. We will also welcome guest speakers to help students connect with opportunities within the community. .

**Graduation Requirement Area:** CTE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** TEC170  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## Robotics

This course is primarily broken up into two sections: VEXRobotics and Spheros. The first half of this course focuses heavily on programming using Sphero Bolt robots. Students learn to problem solve through block coding. As the course goes on, the coding challenges get more and more complex. During the second half of the course VEXRobotics is utilized to teach students the principles of engineering and engineering problem solving. Students work in teams to build robots from plans and create/design robots to meet challenges. They also implement their coding skills that they learned during the 1st half of the trimester. Students who are interested in coding, problem solving, and the engineering/design process are encouraged to take this course.

**Graduation Requirement Area:** CTE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** TEC161,TEC162  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## Woodshop

Woodshop is a CTE Elective, and a prerequisite for Advanced Woodshop. Students will get an introduction to woodworking, tool safety and create basic projects that they get to take home. Every assignment provides an opportunity for individual design expression. Basic woodworking is an essential skill, and something you can use for the rest of your life. This project based class teaches students to use problem solving skills and ingenuity to design, construct and finish products. Students will learn transferable workplace readiness skills.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** TEC121

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Yearbook

Yearbook is a CTE elective class that designs and creates the High School yearbook. The class is intended for 10th graders with permission, 11th and 12th grade students. The class is 2 terms, and ideally interested students would commit to both terms. Yearbook requires self motivation, attention to detail, and commitments outside of class. Interested students will be asked to submit an application as evidence of their commitment to working on the yearbook. The ideal candidate will be a self-starter with a strong work ethic, capable of multitasking, team work, with the ability to accept and use feedback, and the ability to meet deadlines. It's beneficial if students have a strong Interest in writing, photography, creativity, art, and design, with above average computer skills. The most important criteria is interest, commitment, and work ethic. Skills can be taught. Talk to Mr Iwasaki If you have any questions.

**Graduation Requirement Area:** CTE

**Grade Levels:** 10 (with permission),11,12

**Prerequisites:** Application

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** PUB101, PUB102

**College in the High School:** Yes

**College Course Name:** Graphic Design

**College Course Code:** Art 185

## Family and Consumer Science

### Baking and Pastry

Students will work in a lab setting during the semester for the purpose of learning “dough” skills. This includes baking pies, crusts, cookies, bars and more. Successful students will demonstrate work ethics and professionalism through active class participation. We will analyze career trends in the baking industry in our local area, explore training centers and certificate/degree opportunities after high school. We will practice professionalism expected in the workforce; attire, grooming, sanitation, and professional language for all of our classroom experiences.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:** Nutrition and Wellness

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:**

**College in the High School:** Yes

**College Course Name:** CUL110, CUL112

**College Course Code:** N/A

### Intro to Culinary Arts 1 (T)

This class introduces students to advanced food safety curriculum and the opportunity to learn worldwide culture. It offers an expanded view of contributions to the culinary world – advanced cooking techniques and equipment use, foods from around the world, contributions of influential chefs, and lab time to put this information to use. As a final project, each student will present a cooking demonstration to the class.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:** Nutrition and Wellness

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** HFL126

**College in the High School:** Yes

**College Course Name:** CUL110,CUL112

**College Course Code:** N/A

## Nutrition and Wellness

The focus of this class is to help students see how wholesome food can be your best medicine – how it supports good health. Students will learn about safe food handling (with the opportunity to get a food handler’s card), how to read a food label and the importance of that information, consumerism, working safely in the kitchen, and labs to put this information into practice.

**Graduation Requirement Area:** CTE

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** HFL125

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

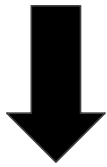


## English

### English Scope and Sequence

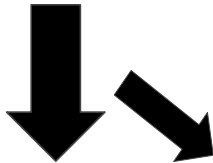
#### English 9 A/B

**Student Focus:** Nearly all 9th grade students enroll in this course



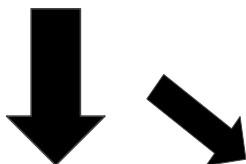
#### English 10

**Student Focus:** Grade 10, attending a four year college.



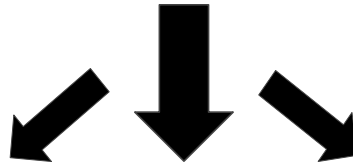
#### English 11 Honors

**Student Focus:** Grade 11, students interested in attending a four year college. College credit available.



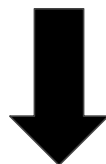
#### English 12 Honors

**Student Focus:** Grade 12, students interested in attending a four year college. College credit available.



#### English 11

**Student Focus:** Grade 11, all pathways



#### English 12

**Student Focus:** Grade 12, all pathways

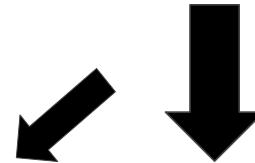
#### Read/Write Skills

**Course focus:** For students who need specific reading and writing instruction. Teacher permission required.



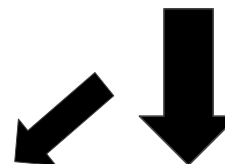
#### Read/Write Skills

**Student focus:** For students who need specific reading and writing instruction. Teacher permission required.



#### Read/Write Skills

**Student focus:** For students who need specific reading and writing instruction. Teacher permission required.



#### Read/Write Skills

**Student focus:** For students who need specific reading and writing instruction. Teacher permission required.

## English 9

The purpose of this course is to develop students' literacy skills. Students will write sentences, lots of paragraphs, and multiple five paragraph essays. They will read a variety of short stories to develop and demonstrate reading comprehension. Many of these stories will serve as models and springboards for quality writing. They will read the novel *A House on Mango Street* and perhaps the play *Romeo and Juliet*. Writing will focus on descriptive writing, literary analysis, personal narratives, and argumentation. In the process of learning to become skilled readers and writers, students will hone their skills in grammar, punctuation, mechanics, formatting, and vocabulary.

**Graduation Requirement Area:** English

**Grade Levels:** 9

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** ENG901,ENG902

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## English 10

In this course, students continue to develop their reading and writing skills in preparation for passing the SBA test, which is a graduation requirement. This includes doing skills work with punctuation and grammar, vocabulary building and writing in a number of forms, including but not limited to paragraphs and essays. Students will also read a variety of, nonfiction, and novels.

**Graduation Requirement Area:** English

**Grade Levels:** 10

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** ENG101,ENG102

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## English 11

In this course, students will take a chronological tour through American Literature. In addition to reading selections from the textbook, *Literature and the Language Arts*, Students will read a variety of short stories, poems, novels, and nonfiction texts in order to examine how American values and ideas have been shaped over time. Students will write in a variety of forms to analyze, interact with, and respond to the texts. In addition, students will conduct research in order to develop an argument about the American Dream..

**Graduation Requirement Area:** English

**Grade Levels:** 11

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** ENG111,ENG112

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## English 11 Honors

This class is designed for students who are planning to go to college and want to be challenged at the highest level to help them do well when they get there. Students will take a chronological tour through American Literature, beginning with the Puritans and reading through the Modern Era. In addition to reading selections from the textbook, *Literature and the Language Arts*, students will read short pieces of fiction and non-fiction selected by their teacher as well as the novels *The Scarlet Letter*, sections of *The Adventures of Huckleberry Finn*, *Of Mice and Men*, and another classic American novel selected by them and their teacher. Students will write in a variety of forms to analyze, interact with, and respond to the texts. They will learn an extensive amount of vocabulary. The class moves at a faster pace and goes deeper than English 11, so students who opt for this course need to be self-disciplined and motivated to be successful.

**Graduation Requirement Area:** English

**Grade Levels:** 11

**Prerequisites:** B's in all previous English courses.

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** ENH111, ENH112

**College in the High School:** Yes

**College Course Name:** Introduction to Literature I

**College Course Code:** ENG&111

## English 12: Bridge to College

Bridge to College English Language Arts (ELA) is a year-long course (two trimesters) focusing on English Language Arts key readiness standards from Washington State's K-12 learning standards for ELA and Common Core State Standards (CCSS). The course is organized into discrete modules designed to prepare students for entrance to post-secondary, credit bearing courses. Students who earn a grade of "B" or better will be granted direct placement in English 101 at all participating Washington higher education institutions, including all Washington State Community and Technical Colleges. This course will develop student's career and college readiness by building skills in critical reading, academic writing, speaking and listening, research and inquiry, and language use. In addition, students will write a résumé and develop other skills to help them be successful in their post-high school plans.

**Graduation Requirement Area:** *English*

**Grade Levels:** 12

**Prerequisites:**

**Class Length:** *Two Trimesters*

**Repeat For Credit:** *No*

**MBHS Course Code:**

**College in the High School:** *No*

**College Course Name:**

**College Course Code:**

## English 12 Honors Composition

This course is designed for students who plan to enroll in college after high school. Students who successfully complete the course will learn to write clear, coherent, well-developed essays of increasing complexity with an emphasis on critical thinking skills. Students will demonstrate their skills with all the parts of the writing process, including prewriting, drafting, editing, completing peer review, revising, and publishing. Students will learn how to properly use MLA format in both short essays and extensive research papers. Students will read the textbooks *Everything's an Argument* and *Terms of Service: Social Media and the Price of Constant Connection* in addition to many articles and essays. Students will have the opportunity to earn credit for English 101, which is a requirement for earning a college diploma. This class moves at a fast pace, so students will need to display a great deal of motivation and self-discipline to excel.

**Graduation Requirement Area:** *English*

**Grade Levels:** 12

**Prerequisites:** *B's or better in previous English courses.*

**Class Length:** *Two Trimesters*

**Repeat For Credit:** *No*

**MBHS Course Code:** *ENH121, ENH122*

**College in the High School:** *Yes*

**College Course Name:** *English Composition I*

**College Course Code:** *ENG&101*

## English Language Development

The purpose of this class is to increase students' academic language in English across subject areas. In 9th and 10th grade, qualifying students will develop their reading, writing, and speaking and listening while examining the intersection of humanities and the natural world. In 11th and 12th grade, students who still qualify will build on their language acquisition to analyze how history, current events, and fiction work together to tell the story of people across time. These courses are specifically designed to support the language demands students will face in their core classes in high school.

**Graduation Requirement Area:** *English*

**Grade Levels:** *9,10,11,12*

**Prerequisites:** *teacher recommendation*

**Class Length:** *One Trimester*

**Repeat For Credit:** *No*

**MBHS Course Code:** *ELL100, ELL110*

**College in the High School:** *No*

**College Course Name:** *N/A*

**College Course Code:** *N/A*





## Fine Arts

(Visual Arts, Music, and Theater)

The following agriculture courses can be taken for fine art credit.

See page 7 for course descriptions.

**Digital Media Floral Design Advanced Floral Design Advanced Metals**

### *Visual Arts*

#### **Advanced Ceramics**

This course is designed to give the serious student more experience and knowledge of ceramics and sculpture as well as contemporary ceramics, history, development and aesthetics of ceramic vessels and sculpture. Technical aspects of clay glazes, and firing objects, as well as problem-solving and development will be emphasized.

**Graduation Requirement Area:** Fine Art

**Grade Levels:** 10,11,12

**Prerequisites:** Beginning Ceramics or teacher permission

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** ART125

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

#### **Art I**

Art I focuses on building an understanding of the elements of design: line, shape, value, color, texture, form and space. Students will learn to apply these key elements in a variety of projects. Projects will primarily focus on developing drawing and observation skills. Students will explore drawing in a variety of media including: pencil, pen, charcoal, chalk pastel, and oil pastel.

**Graduation Requirement Area:** Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:** No

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** ART101

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

#### **Art II**

Art II builds on the understanding of art elements by adding key principles of design: unity, balance, contrast, rhythm, emphasis, movement, and pattern. Art II will focus on creating a student's individual expressive style. Students will learn more advanced drawing and painting techniques through projects in still life, landscape and figure study. In addition, students will gain a basic knowledge of art history.

**Graduation Requirement Area:** Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:** Art 1 or teacher permission

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** ART102

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Art III

The primary goal of this class is to build a student's portfolio in preparation for future school or employment opportunities. Art III will concentrate on advanced drawing and painting techniques and the further development of individual style. Students will also gain a more in-depth knowledge of art history. Students taking the AP option will be required to complete additional assignments designed to prepare them to sit for the AP Studio Art 2-D Design exam in May. Successful completion of the AP exam will result in the student earning college credit in course(s) with the same name or content coverage.

**Graduation Requirement Area:** Fine Art  
**Grade Levels:** 10,11,12  
**Prerequisites:** Art 2 or Teacher permission  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** ART103  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## Beginning Ceramics

This course is designed to give the student an awareness of basic clay materials and techniques. Emphasis will be placed on basic hand-built techniques of ceramic constructions, such as pinch, slab and coil methods. Emphasis will also be placed on the purposes and application of the surface design and a variety of the techniques involved. A successful completion of 100% of projects assigned is required in order to pass the course. Students must supply some clay tools and materials.

**Graduation Requirement Area:** Fine Art  
**Grade Levels:** 10,11,12  
**Prerequisites:** Art 1 or teacher permission  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** ART110  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## Beginning Printmaking

This course introduces students to a wide array of printmaking processes and techniques. Class activities will be project based and will give students the opportunity to learn and practice art fundamentals while developing technical skills associated with printmaking. Units of study will include, but aren't limited to, mono printing, stencil printing, lino printing, and silk screening. Students will produce works on paper as well as cloth (shirts, bags, etc).

**Graduation Requirement Area:** Fine Art  
**Grade Levels:** 9,10,11,12  
**Prerequisites:** Art 1  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** ART141  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## Jewelry Making

This course is designed to introduce students to jewelry design as an art form. We will practice techniques using various materials such as metal, clay, and wire. Students will learn how to apply the fundamentals of design within their small sculptural pieces. We will also explore the evolution of jewelry and personal adornment throughout history and among cultures.

**Graduation Requirement Area:** Fine Art  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** Art151  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## Music

### Blendz

Blendz Choir meets before school (6:55-7:45AM) on Tuesday, Thursday and Friday of each week. This ensemble is designed to give students a lot of input into designing their learning experience. If you want to develop as a solo singer, this class is for you. If you want to sing in a small group, this class is for you. If you want to develop skills that will let you perform in your church or other community based group, this class is for you. Students receive instruction and support that allows them to independently pursue their musical dreams. Available all three trimesters. Includes travel opportunities, solo/ensemble festival opportunities and community performance opportunities.

**Graduation Requirement Area:** Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:** Audition

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** MUS161, MUS162

**College in the High School:** No

**College Course Name:**

**College Course Code:**

### Highlander Band

This class is designed to give the experience of playing at the intermediate level of achievement. Students usually have two or more years of playing experience and must be able to play all the major scales before he/she can complete this course. Students will play in all school concerts and in the regional large group instrumental music festival. This class will give the student the opportunity to advance his/her playing ability. Students must be able to adequately perform at the elementary level on a wind or percussion instrument before they are allowed to enroll.

**Graduation Requirement Area:** Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** Three Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** MUS121, MUS122

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

### Highlander Choir

Highlander Choir is an accepting place for students who are starting their journey as high school singers, or continuing on their personal voice exploration. You will learn how to build your vocal skill and how to understand music written on the page. It is a low stress, accepting place to achieve your musical goals. Students have the opportunity for performance, but participation in public performance is optional. Performance opportunities include concerts and festivals. Individual students may choose to participate in solo, small group and honor choir performance experiences.

**Graduation Requirement Area:** Fine Art

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** Three Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** MUS121, MUS122

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

### Jazz Band

Students must play an instrument that fits the standard jazz band instrumentation (saxophone, trumpet, trombone, piano, bass, guitar, percussion.) Students must be able to learn their parts independently. Jazz Band meets at least three days per week in the early morning prior to the regular school day. Members will study this American art form in depth and will have many improvisational solo opportunities in the various styles of jazz and rock music. The Jazz Band performs at concerts, community functions and at local and regional jazz festivals and concerts. Students must provide their own transportation to rehearsals. Students must also be in another music class.

**Graduation Requirement Area:** Fine Art

**Grade Levels:** 9, 10, 11, 12

**Prerequisites:** Highlander Band, Mountaineer Band, 8th Grade Band

**Class Length:** Three Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:**

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## **Mountaineer Band**

The Mountaineer Band is the showcase band of the MBHS Music Department. Each student not only learns advanced proficiency on his/her instrument, but also will learn the finer points of concert compositions and the art of performing these compositions. Each member will be expected to participate in performances, which include regularly scheduled concerts and festivals, football and basketball games, and parades. Over the years the band has performed in many locations including Spokane, Victoria, Seattle, and Southern California. Students must be able to perform at a higher level of achievement on a wind or percussion instrument. A successful audition is required in order to enroll in this class.

**Graduation Requirement Area:** *Fine Art*

**Grade Levels:** *9,10,11,12*

**Prerequisites:** *Audition*

**Class Length:** *Three Trimesters*

**Repeat For Credit:** *Yes*

**MBHS Course Code:** *MUS171,MUS172*

**College in the High School:** *No*

**College Course Name:** *N/A*

**College Course Code:** *N/A*

## **Mountaineer Choir**

Singing in a group with others has the potential to provide meaningful connections and lasting memories for students. Mountaineer choir is the premier vocal ensemble at Mount Baker and is for students who want to grow as much as they can as singers. The class also builds the skills required to be a contributor to the success of a group. Each year this choir performs at concerts, assemblies, festivals, and provides travel opportunities. Students have additional individual opportunities for solo and small group performance experiences as well as honor choir participation. For students grade 11-12. Audition required.

**Graduation Requirement Area:** *Fine Art*

**Grade Levels:** *11,12*

**Prerequisites:** *Audition or successful completion of Highlander Choir*

**Class Length:** *Three Trimesters*

**Repeat For Credit:** *Yes*

**MBHS Course Code:** *MUS171, MUS172*

**College in the High School:** *No*

**College Course Name:**

**College Course Code:**

## **Theater Arts**

### **Stagecraft**

Stagecraft is a projects based class. Students will learn new skills, and put them to use designing and building props, sets and costumes for use with the fall play and winter musical. Students will work with others on teams, and sometimes take on a project on their own. Students can build real skills that they can reference on job applications and resumes.

**Graduation Requirement Area:** *Fine Art*

**Grade Levels:** *9, 10, 11, 12*

**Prerequisites:**

**Class Length:** *One Trimester*

**Repeat For Credit:** *Yes*

**MBHS Course Code:** *DRM201*

**College in the High School:** *No*

**College Course Name:**

**College Course Code:**

### **Drama**

This is a foundational theater class that introduces students to basic theater concepts. This class focuses on building an awareness of theatrical context and developing self-confidence and performance skills through creative group activities and performance projects. Emphasis is on building skills and techniques in beginning acting, basic technical theater, and improvisation. Students will write and perform scenes, memorize and perform monologues, respond to daily prompts, and just be part of a wonderful community of people.

**Graduation Requirement Area:** *Elective*

**Grade Levels:** *9, 10, 11, 12*

**Prerequisites:**

**Class Length:** *One Trimester*

**Repeat For Credit:** *Yes*

**MBHS Course Code:** *DRM001*

**College in the High School:** *No*

**College Course Name:**

**College Course Code:**



## Math Scope and Sequence

### Geometry

*Target Student:* Grades 8, 9, and 10. All students take this class to meet the state Geometry requirement



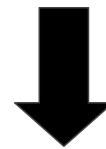
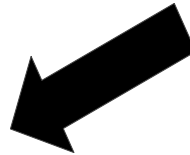
### Pre-Algebra

*Target Student:* Grade 10, needing additional math support



### Algebra

*Target Student:* Grades 9 and 10. All students take this to meet the state Algebra requirement.



### Algebra 2

*Target Student:* Grades 10, 11 pursuing 2-year, technical or 4-year degree



### Intermediate Algebra 2

*Target Student:* Grade 11 pursuing 2-year or technical degree



### Pre-Calculus

*Target Student:* Grade 11, pursuing 4-year degree, CHS Credit

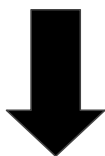


### Finance

*Target Student:* Grade 12, all pathways.

### Calculus

*Target Student:* Grade 12, Pursuing 4-year degree, CHS Credit



## Pre-Algebra

The main focus of this class is to continuously teach and review the basic skills of mathematics to assure the success of students in Algebra One. The goals of this program are to accelerate mathematics learning, motivate every student to succeed, individualize instruction and practice, and improve basic algebra skills.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** MAT050

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Algebra 1

Algebra 1 covers and expands on state Algebra 1 standards in numbers and operations, functions, linear, exponential, and quadratic functions, data, reasoning, problem solving & communication.

**Graduation Requirement Area:** Math

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** MAA101,MAA102

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Algebra 2

Algebra 2 Honors covers and expands on state algebra 2 standards in numbers, expressions, operations, functions notation and graphing, quadratic functions, exponential and logarithmic functions, rational functions, probability, data, distributions, reasoning, problem solving and communication. It also introduces students to Precalculus concepts to prepare for Precalculus/College Algebra.

**Graduation Requirement Area:** Math

**Grade Levels:** 10,11,12

**Prerequisites:** Algebra 1, Geometry

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** MAA301,MAA302

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Intermediate Algebra

This 3rd year math class covers the practical applications of mathematics in areas of business, social sciences, and building construction. Topics include linear systems, measurement, trigonometry, graph theory, probability, and statistics.

**Graduation Requirement Area:** Math

**Grade Levels:** 11,12

**Prerequisites:** teacher permission

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** MAA241,MAA242

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Calculus

Calculus is intended for students who really want to see all their math classes come together. Calculus deals with areas under curves, rates of change, volumes of solids of revolution, sequences and series, using differentiation and integration. This is mathematics that applies to a wide variety of real world problems in business and economics, life sciences, physics, astronomy, social and behavioral science, environmental science and other general applications. Students successfully completing this course can earn 5 college credits for Math 151 through Everett Community College. Registration information is available from the instructor.

**Graduation Requirement Area:** Math

**Grade Levels:** 12

**Prerequisites:** Pre-Calculus

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** MAC501,MAC502

**College in the High School:** Yes

**College Course Name:** Calculus I

**College Course Code:** MAT&151

## Finance

This is a two trimester course. The first trimester content includes stock and bond market investing, compound interest and present value, small business modeling, profit maximization and an introduction to economic theory. The second trimester focuses on financial concepts that will be needed after graduation. The list of topics includes: insurance, taxes, budgeting, credit, debt financing. The course is approved for college math credit at Bellingham Technical College and Whatcom Community College through the College Tech Prep Program. It is recommended that the student take this course as a full year, but a student can be successful just taking the second trimester.

**Graduation Requirement Area:** Math

**Grade Levels:** 12

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** MAF101,MAF102

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Geometry

Geometry covers and expands on state geometry standards in logical arguments, proofs, lines, angles, two and three dimensional figures, geometry in the coordinate plane, geometric transformations, measurements, reasoning, problem solving and communication.

**Graduation Requirement Area:** Math

**Grade Levels:** 9,10,11,12

**Prerequisites:** Algebra 1

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** MAG201,MAG202

**College in the High School:** Yes

**College Course Name:** BUS100,BUS150

**College Course Code:** N/A

## Precalculus

Pre-Calculus is intended for students who have successfully completed the Algebra I, Geometry and Algebra II series and plan to go to a university. The key topics covered are math analysis and trigonometry. Probability, statistics, and discrete math are also addressed. Calculus will be introduced and graphing calculators will be used for daily assignments and projects. Students successfully completing this course can earn 10 college credits for Math 141/Math 142 through Everett Community College.

**Graduation Requirement Area:** Math

**Grade Levels:** 11,12

**Prerequisites:** Algebra 2, Trigonometry Honors

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** MAC451 ,MAC452

**College in the High School:** Yes

**College Course Name:** Pre-Calculus

**College Course Code:** MAT&141, MAT&142



## Physical Education and Health

### Body Works

This class is designed for the student interested in weight training, aerobic conditioning, and yoga/pilates style workouts. The focus will be teaching proper lifting techniques, which will enhance the student's overall body tone and fitness, as well as building core strength and flexibility through yoga and pilates. Students will work with free weights and participate in circuits, aerobic activities, core development and a variety of cardiorespiratory activities. Class participants should be ready for vigorous conditioning workouts. This class would be great for the student who wants to increase their overall body strength, flexibility and cardiovascular endurance.

**Graduation Requirement Area:** PE

**Grade Levels:** 9,10,11,12

**Prerequisites:** /

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:**

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## **Fitness and Performance**

This course is designed for the highly motivated individual. This course will emphasize weight training, cardio training, flexibility, and plyometrics and is intended for students who are looking to improve their athletic performance

**Graduation Requirement Area:** PE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:** I  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:**  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Health**

Students enrolled in Health will be introduced to the systems of the human body; the skeletal, muscular, endocrine, digestive, circulatory, respiratory, and reproductive systems. The class will discuss preventative measures a person can take to keep himself healthy. As a result of this course, students will be able to identify for themselves how to make decisions that relate directly to their personal health habits.

**Graduation Requirement Area:** Health  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** HEA101  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## **Latin Dance**

In this class you will work individually, with a partner and with a group to gain a basic understanding of Salsa, Merengue, Bachata, Reggaeton, and other popular latin dances.

**Graduation Requirement Area:** PE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:** PED201,PED202  
**College in the High School:** Yes  
**College Course Name:** International Folk Dance  
**College Course Code:** PEHW 110

## **Sports and Recreational Games**

Instruction will focus on team games. Units will include team and individual sport and lifetime recreation activities. It will emphasize the development of acceptable social skills for successful group interaction and will encourage and assist students in maintaining fitness throughout life. GRADING: Students will be graded based on attendance and in-class work.

**Graduation Requirement Area:** PE  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** Yes

**MBHS Course Code:**  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**





## Science

The following agriculture courses can be taken for science credit. See page 7 for course descriptions.

**Plant Biology      Animal Biology      Natural Resources**

### Scope and Sequence

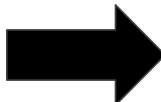
#### **Biology**

*Target Student: Nearly all 9th grade students enroll in Biology*



#### **Earth, Matter and Motion**

*Target Student: Nearly all 10th grade students enroll in Earth, Matter, and Motion*



#### **Chemistry**

*Target Student: Grades 11/12, all college pathways, students interested in STEM careers, students CHS credit available*

#### **Animal Biology**

*Target Student: Grades 10,11,12, all pathways/college types, students interested in health care and/or animal science*

#### **Plant Biology**

*Target Student: Grades 10,11,12, all pathways/college types, students interested in plant sciences/hand on experiences*

#### **Physics**

*Target Student: Grades 11/12, all college pathways, students interested in STEM careers*

#### **Natural Resources**

*Target Student: Grades 10,11,12, all pathways/college types,, students interested in natural resources (forestry, fisheries, wildlife)*

#### **Geology**

*Target Student: Grades 10,11,12, all college pathways, students interested in STEM careers, CHS credit available*

*Typically, once students complete Biology and Earth, Matter, and Motion they choose from the following science courses. Many students take multiple science classes the same year.*

## Chemistry

Chemistry is the central science. Students taking this course develop an understanding of the fundamental principles of chemistry and their applications through laboratory-based exploration and experimentation, lecture and discussion, guided inquiry, and a variety of computer-based experiments. Topics studied include: descriptive chemistry of the elements, periodicity, atomic theory, chemical nomenclature, stoichiometry, atomic structure, bonding theories, periodic properties, solution calculations, gas laws, properties of solids and liquids, acids and bases, ionic equations, and nuclear chemistry. One year of high school algebra as a prerequisite is recommended. This is an introductory course designed to prepare a student for upper-level science classes.

**Graduation Requirement Area:** Science

**Grade Levels:** 11,12

**Prerequisites:** Earth, Matter and Motion

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** SCI201,SCI202

**College in the High School:** Yes

**College Course Name:** Introduction to Chemistry

**College Course Code:** CHEM&121

## Earth, Matter and Motion (EMM)

EMM is a course in which students will learn basic concepts of physics and apply them to learning about astronomy, climate and geology. The course will cover a wide range of concepts including motion, energy, the Big Bang, origin of matter, climate change and geologic time scale. Students will conduct independent science investigations and explore the evidence upon which scientific knowledge is based, along with relationships between science, technology and human activity.

**Graduation Requirement Area:** Science

**Grade Levels:** 10

**Prerequisites:** Environmental Biology

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** SCI301,SCI302

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Environmental Biology

This is an introductory life science course designed to address the state standards for science. Environmental Biology combines real world concepts with lab based skills that students will use throughout their high school science experience. Students have the opportunity to study a variety of topics including: living organisms, the photosynthesis process, building molecules, biochemistry, nutrients in food, animal and plant cells, cell theory, genetics, energy transfer, ecology, ecosystems and evolutionary theory. Each student will also learn to conduct lab experiments using a hands-on approach, and participate in an off-site SAE project to increase their knowledge of ecosystems and their effect on the environment in Whatcom County.

**Graduation Requirement Area:** Science, CTE

**Grade Levels:** 9

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** SCI151, SCI152

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Geology

MBHS is located in one of the most amazing geological places on the planet. Geology is a hands-on, project-based, inquiry-oriented science class that will employ the fundamentals of chemistry, physics, and mathematics to study and research earth dynamics, evolution, and global change. The class will take three all day field trips to some of the best geological sites in the world. Students will have the ability to design self-directed investigations of earth science topics of their choice. In this course, we will learn about earthquakes, volcanoes, tsunamis and how those relate to where we live. Why are there mountains? How do glaciers work? What determines the shape of a river? How can I understand the land where I live? This course can be taken for 5 college credits.

**Graduation Requirement Area:** Science

**Grade Levels:** 10,11,12

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** SCI641,SCI642

**College in the High School:** Yes

**College Course Name:** Introduction to Geological Science I

**College Course Code:** GEOL&102

## Physics

Physics is a “natural science that involves the study of matter and its motion through space-time”. This course studies the basic concepts of physics using elementary algebra, geometry, and trigonometry. Topics include: vector algebra, Newton’s laws of motion, kinematics, dynamics, friction, gravitation, work, energy, momentum, conservation laws, circular and satellite motion, thermodynamics, waves, electromagnetic radiation, electric and magnetic fields, capacitance, electrical current and resistance, electromagnetic induction, special and general relativity, and quantum physics. Students learn essential concepts through demonstrations, laboratory work, lecture and discussion, data collection and analysis, demonstrations and videos, engineering challenges, and the preparation of lab reports. Developing the ability to successfully solve problems is stressed. Algebra, trigonometry, geometry, and pre-calculus as prerequisites are recommended. This is an introductory course designed to prepare a student for college-level science classes.

**Graduation Requirement Area:** Science

**Grade Levels:** 11,12

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** SCI351,SCI352

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A



## Social Studies

### Scope and Sequence

*Choose Two of the following courses for grade 9 or 10:*

*Courses usually  
taken in the 9th or  
10th grade:*

**Ancient  
Civilizations**

**Early European  
History**

**History of  
Modern Europe**

**Psychology**

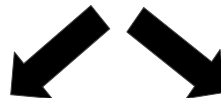


*Courses usually  
taken in the 10th  
or 11th grade:*

**US History A/B**

**OR**

**US History A/B CHS**



*Courses usually  
taken in the  
11th or 12th  
grade:*

**US Government**

**AND**

**Contemporary World Problems**

## **Ancient Civilizations**

A one trimester survey course focuses on Western Civilization topics beginning with features of civilization, rise of cities, Fertile Crescent (Sumer), writing. Egyptian topics include geography, political development, culture, art and architecture. Ancient Greece topics include geography, city-states, philosophers, art, architecture, culture, war and expansion. Ancient Rome topics will include origins, republic to empire expansion, economy, civilization, famous leaders, rise of Christianity and its fall.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 9,10  
**Prerequisites:**  
**Class Length:** Two Trimesters  
**Repeat For Credit:** No

**MBHS Course Code:** SOC226  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Contemporary World Problems (CWP)**

CWP will analyze the major regions and themes of the world. Topics studied will include themes like US foreign policy, terrorism, nationalism and international organizations, plus regional studies of the Middle East, Asia, Europe, Latin America, North America and Africa. Historic, economic, political, geographic and social issues will be examined. The course will be flexible enough to adjust to breaking news as it occurs. Texts will include current publications and electronic media sources.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** SOC 201, SOC 203  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Early European History**

This one trimester survey course will cover topics of Feudalism, Renaissance, Reformation, Absolutism, Explorers, Enlightenment and French Revolution, feudal economy to mercantilism, Industrial Revolution and 19th century Nationalism.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 9,10  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** SOC227  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Modern Conflict Through Film**

The purpose of this course is to use film as an avenue to better understand modern historical conflicts. The focus of the course is to research and analyze facts surrounding a film's subject matter. Analysis and media literacy are emphasized while trying to build understanding and appreciation of conflict films.

**Graduation Requirement Area:** Elective  
**Grade Levels:** 11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** SOC241  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## **Modern European History**

This one trimester survey course focuses on Western Civilization topics which include WWI, Russian Revolution, inter war Europe, WWII, Cold War and the fall of Communism leading to the development of the European Union.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 9,10  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** SOC228  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## Northwest History

This course is a study of the history of the state of Washington. Geography, discovery and exploration, native cultures, territorial growth, statehood and government are the major areas of emphasis. It is an Independent Study course intended for credit retrieval leading to high school graduation.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** Soc 101  
**College in the High School:** No  
**College Course Name:**  
**College Course Code:**

## Psychology 1

Psychology 1 is designed to provide students with an overview of the psychological aspects of learning, the brain and body connections, human development, and behavior as it relates to individuals, family and society. Course work includes readings, guest speakers, lecture, video, individual research and projects, group research, and presentations.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 9,10,11,12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** SOC261  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## US Government

This senior level course will provide the student with the essentials of our political system and the Constitutional form of the United States government. In addition, the course will discuss other political systems worldwide which have an impact on the American way of life. Course content will include: organization of the federal and state governments, other non-democratic political theories in the world, presidential and congressional political interplay and constitutional law.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 12  
**Prerequisites:**  
**Class Length:** One Trimester  
**Repeat For Credit:** No

**MBHS Course Code:** SOC401  
**College in the High School:** No  
**College Course Name:** N/A  
**College Course Code:** N/A

## US History

This class is a two trimester course required for graduation. Trimester one will cover American Imperialism in the late 1800's, progressives, WWI, 1920's, Depression and WWII. Trimester two will cover Cold War tensions and conflicts, home front events up until 2000. Focus will be on US politics, economics, foreign affairs and culture. Students study how world events impact the US, as well as how the US impacts world events.

**Graduation Requirement Area:** Social Studies  
**Grade Levels:** 11  
**Prerequisites:**  
**Class Length:** Two Trimesters  
**Repeat For Credit:** No

**MBHS Course Code:** SOC421, SOC422,  
SOC411, SOC412  
**College in the High School:** Yes  
**College Course Name:** Modern US History  
**College Course Code:** HST&147, HST&148



## Special Education

### Computation Skills

Basic math concepts and problem-solving strategies are taught. Content focuses both on preparation for state mandated testing and life-long applications of math skills and strategies as necessary to meet individual student needs. Content may vary depending on needs outlined in the student's individual plans.

**Graduation Requirement Area:** Math

**Grade Levels:** 9,10,11,12

**Prerequisites:** teacher permission

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** VSP951, VSP952

**College in the High School:** No

**College Course Name:**

**College Course Code:**

### Generalization Skills

Generalization Skills is a class that provides for student generalization of a variety of skills, per their individual needs and levels, in a general education setting. Individualized content and grading are managed by the IEP case manager in cooperation with the general education teacher. Students may have additional skills objectives per their individual plans. A further objective is that students will develop executive function and social skills that promote lifelong success.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:** teacher permission

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** VSP981, VSP982

**College in the High School:** No

**College Course Name:**

**College Course Code:**

### Reading/Writing Skills

Reading and written language skills are taught. This class is designed to provide direct instruction in comprehension strategies for students who demonstrate a need in this area. In addition to developing basic reading skills, instruction is provided in reading strategies and vocabulary. Students are exposed to a variety of functional and expressive writing forms.

**Graduation Requirement Area:** English

**Grade Levels:** 9, 10, 11, 12

**Prerequisites:** teacher permission

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** VSP961, VSP962

**College in the High School:** No

**College Course Name:**

**College Course Code:**

### Study Skills

Study Skills is a class focused on student development and refinement of reading, writing, and math skills, primarily through support of the general educational curriculum with specialized setting and methods. Students may have additional skills objectives per their individual plans. A further objective is that students will develop executive function skills that tend to promote lifelong success.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:** teacher permission

**Class Length:** Three Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** RES151

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Study Skills - B

Study Skills - B is a class focused on student development and refinement of reading, writing, and math skills, primarily through support of the general educational curriculum with specialized setting and methods. Additional focus is placed upon student development of self-management skills. Students may have additional skills objectives per their individual plans. A further objective is that students will develop executive function skills that promote lifelong success.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:** teacher permission

**Class Length:** Three Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** RES152

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Study Skills - Social

Study Skills - Social is a class focused on student development and refinement of reading, writing, and math skills, primarily through support of the general educational curriculum with specialized setting and methods. Students may have additional skills objectives per their individual plans. A further objective is that students will develop executive function skills that tend to promote lifelong success. Social, behavior, and communication skills and strategies are taught and reviewed to increase student success in all areas of life, including career readiness. This instruction will be delivered through the use of a variety of Social Skills curriculum as necessary to meet student needs.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:** teacher permission

**Class Length:** Three Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** RES171

**College in the High School:** No

**College Course Name:**

**College Course Code:**



## World Language

### Spanish 1

Spanish 1 is an introduction to the Spanish language and culture. In Spanish 1, students will learn vocabulary regarding school, food, clothes, seasons, weather, and the home. They will also learn how to talk and write in the present tense. Spanish 1 focuses on the five main language skills of listening, speaking, reading, writing and culture.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** FOR211, FOR212

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

### Spanish 2

Spanish 2 builds on the linguistic and cultural foundation that was developed in Spanish 1. Topics will include clothing, food, the home, shopping/travel, and childhood while verb tenses will include the preterit, imperfect, gerund, future, and commands. This course may be taken for college credit.

**Graduation Requirement Area:** Elective

**Grade Levels:** 10, 11, 12

**Prerequisites:** Grade of C- or above in Spanish 1 or teacher permission

**Class Length:** Two Trimesters

**Repeat For Credit:** No

**MBHS Course Code:** FOR221, FOR222

**College in the High School:** Yes

**College Course Name:** Spanish I

**College Course Code:** SPAN&122

## Spanish 3, Spanish 4, Spanish 5

Advanced Spanish 3, 4, or 5 classes are our capstone language classes that continue to build on the linguistic and cultural foundation that was developed in previous Spanish classes, though there is a more communicative emphasis in this class in an attempt to develop the linguistic and cultural skills necessary to make their investment in Spanish a useful and powerful tool that can be used for many years to come. Readings include "Esperanza renace", "El alquimista", "Cajas de cartón" or "Paso Paso 3". There is a strong focus on the five main language skills of listening, speaking, reading, writing and culture. These classes may be taken for college credit.

**Graduation Requirement Area:** Elective

**Grade Levels:** 11,12

**Prerequisites:** Grade of C- or above in Spanish 2, Spanish 3 or teacher permission

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** FOR261, FOR262

**College in the High School:** Yes

**College Course Name:** Spanish II & Spanish 3

**College Course Code:** SPAN&123, SPAN221



## Other Courses

### Academic Success

Academic Success will allow you time to understand and refine necessary skills for high school, develop habits of mind and work on the demands of your other classes. Time each day will be dedicated to independent work time with peer and teacher support focused on your personal and academic goals.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:** N/A

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:**

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

### College Readiness 12

This course is designed for students who plan to enroll in college after high school. Students will learn the vocabulary they need to successfully navigate the college application process. They will complete their applications, learn about financial aid, apply for scholarships, study time management, build a mock schedule, explore different colleges, explore different majors for their personality types, and practice notetaking and test-taking. This class is highly recommended for seniors who want to take the stress out of the college application process!

**Graduation Requirement Area:** Elective

**Grade Levels:** 12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** ACA212

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

### Film and Society

This elective course provides an introduction to film and cinematic techniques. Students will view several films, analyzing cinematography, genre, and the film's impact on society. After practicing film analysis as a class multiple times, students will choose a film to explore and become an expert on.

**Graduation Requirement Area:** Elective

**Grade Levels:** 10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** FLM001

**College in the High School:** No

**College Course Name:**

**College Course Code:**



## History Of Music

This course is designed to teach students how music reflects culture. Students will study the impact of music from the World War II era to the present. Students will analyze music as a way to understand historical events and time periods, write critically about music and history, and develop listening and public speaking skills. This elective course is recommended for students who are interested in learning about how history influences and impacts modern day music.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** SOC251

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Library Assistant

This position provides support in maintaining library services to students and staff. The library assistant helps by working behind the desk, checking books in and out, re-shelving, helping to keep the library in order, and running errands. It gives a realistic work experience.

**Graduation Requirement Area:** Elective

**Grade Levels:** 10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** TAS111,TAS112

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A

## Life 101

How do you change a tire, open a bank account, buy a plane ticket, get a credit card, pay your taxes, or keep your house from burning up in a wildfire? Come find out how to "adult" in Life 101.

**Graduation Requirement Area:** Elective

**Grade Levels:** 11,12

**Prerequisites:** Most applicable to seniors getting ready to be "out on their own."

**Class Length:** One Trimester

**Repeat For Credit:** No

**MBHS Course Code:** SOC231

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Office Assistant

This class is available for those who desire clerical training in a realistic office environment. Students will be expected to file, answer the telephone, greet the public, operate various office machines, run errands, and perform other office related tasks. It is imperative for students working in the office to have regular attendance and a professional attitude.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:** Counselor Permission

**Class Length:** Two Trimesters

**Repeat For Credit:** Yes

**MBHS Course Code:** OFF950, OFF951

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Space

A survey course on understanding atoms, stars, galaxies, and the history and future of the Universe. Introduces the history of astronomy, star formation, life cycle and death of the cosmos, galactic astronomy, the beginning and evolution of the universe, solar system formation and evolution, the possibility of intelligent life elsewhere in the universe, etc. Presents our understanding of astronomy, beginning with the atom and our earth, and moving outward through our solar system, and beyond to the stars of our home galaxy and out into the physical universe. Modern theories and observations; humanity and human evolution; ideas concerning nature, evolution of galaxies; quasars, stars, black holes, planets, the solar system; the subatomic realm and the nature of time and space.

**Graduation Requirement Area:** Elective

**Grade Levels:** 9,10,11,12

**Prerequisites:**

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** SCI311

**College in the High School:** No

**College Course Name:**

**College Course Code:**

## Teacher Assistant

Students may earn no more than 1.0 credit (2 trimesters) for being an assistant to a teacher. Register for credit by getting permission from a teacher to be his/her assistant when you schedule for classes. Students may be asked to type, file, run errands, and other relevant duties as specifically related to the educational process.

**Graduation Requirement Area:** Elective

**Grade Levels:** 11,12

**Prerequisites:** Counselor/Teacher Permission

**Class Length:** One Trimester

**Repeat For Credit:** Yes

**MBHS Course Code:** TAS101,TAS102

**College in the High School:** No

**College Course Name:** N/A

**College Course Code:** N/A



## Alternative and Off-Campus Programs

MBHS recognizes that each student's individual path through high school is different. Understanding that sometimes the traditional high school setting does not work for all students MBHS works with students and families to find the best educational opportunities depending on an individual student's unique situation. There are several programs MBHS staff can help students get connected to depending on the circumstances. For information on any of the following programs, please see your school counselor.

### GRADS Program

Graduation, Reality And Dual-role Skills (GRADS) is a program for pregnant teens and/or young parents that focuses on work and family foundation skills. GRADS programs include student demonstration of skills leading to high school graduation and economic independence. The program also includes on-site child care and practicums, as well as coordination of learning activities outside the classroom.

### JobCorps

Job Corps is a tuition-free training and education program that connects students with the skills and educational experiences necessary to establish a career. Students live, study, and train on a Job Corps campus and have the opportunity to earn college credits and industry-recognized credentials through hands-on practical experience. Job Corps locations vary according to the training program.

### IMPACT Program

Offered through Bellingham Technical College (BTC), IMPACT is a re-engagement program that serves students ages 16-21 years old who are likely to drop out or not receive a high school diploma. IMPACT's most common route to student success begins with the GED and other foundational coursework and skill building in core academic subject areas, as well as in college and career readiness skills: time management, stress reduction, study skills, and campus and community resources

### Northwest Career and Technical Academy

The NCTA brings community, education, and business partners together to create meaningful and authentic job-related experiences for interested students. Students remain enrolled with their district high school while traveling off-site to gain industry-standard technical skills while pursuing their high school diploma.

### Running Start

Running Start is a statewide program that allows high school students to take college classes for dual credit. All classes are taken off campus. Running Start is open to 11th and 12th grade students.