



# Monroe High School

365 N 5<sup>th</sup> Street  
Monroe, OR 97456  
(541) 847-5161

## Mission Statement

We are a community of learners working together to provide our children with an education leading to an unlimited future.

## **Guiding Principles:**

- We believe all students should have equal access to district educational opportunities.
- We believe resources must be provided so our students can develop to their potential in a positive and safe environment.
- We believe in promoting and modeling positive citizenship for our students.
- We believe that performance targets need to be set clearly enough and high enough to challenge all students.
- We believe that our district educational programs should be of the highest quality.
- We believe that, for our district educational programs to be successful, all our communities must pull together to provide continued full community support.

**Welcome to Monroe High School, a school committed to academic excellence and the success of each and every student. We are looking forward to a productive and positive school year and are excited about the opportunities that are before us. Please do not hesitate to contact the high school offices should you have any questions regarding our educational mission or curriculum.**

**Beau Sisneros  
High School Principal/Athletic Director**

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Credit Recovery\*\*  
FuelEd Courses\*\*\*

\*Student must have teacher approval to take WR 121.

\*\* Students are assigned to credit recovery courses by the counselor based on grade level, number of credits deficient, and availability of credit recovery opportunities in a student's regular schedule. In addition, summer school is offered from June-August. The cost of summer school is \$50.

\*\*\*FuelEd courses include original credit and AP courses and are approved on a case by case basis. These courses cannot be used to substitute a class that is already offered in the regular MHS schedule. Students must apply and meet certain criteria to take these courses. See Mrs. DeVicq for more information.

## **Business and Computer Technology**

### **110131 Computer Applications 1/2 credit**

- Instructor (s): Mr. Seifer
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective

Build computer skills and learn to format a variety of documents using Microsoft Office software (Word, Excel, and PowerPoint), including business letters, spreadsheets, and presentations. Students use and apply their knowledge and skills in integrated, real-world business activities. A project-based, hands-on orientation to learning is utilized throughout the course.

### **480271 Desktop Publishing 1/2 credit**

- Instructor (s): Mr. Seifer
- Grade Level: 9-12
- Prerequisites: Computer Applications
- MHS Credit: Elective

Learn basic design principles and the use of desktop publishing software to produce professional-looking publications including newsletters, flyers, signs, brochures, and more. Put your computer skills to use and get real-world practice as a desktop publisher for a variety of simulated businesses in a course that will challenge your design and layout skills!

### **110137 Graphic Design 1/2 credit**

- Instructor (s): Mr. Seifer
- Grade Level: 9-12
- Prerequisites: Desktop Publishing
- MHS Credit: Elective

This course covers the principles of design and general layout procedures. Content will cover electronic systems and software programs used in graphic design (like Adobe Photoshop), page composition, image conversion, and digital printing. Students will explore design programs that make it possible to produce high-quality digital images and manipulate scanned images. This course will familiarize students with the basic functions and tools that graphic design programs can offer, and challenge them to use these tools with creative projects.

### **110201 Intro to Computer Science 1/2 credit**

- Instructor (s): Mr. Seifer
- Grade Level: 9-12
- Prerequisites: Desktop Publishing
- MHS Credit: Elective

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems.

This semester course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science.

## Career Education/Electives

### **320103 Career Education**

**½ credit**

- Instructor (s): Mr. Seifer
- Grade Level: 9
- Prerequisites: None
- MHS Credit: Required

Career development is defined as: “The exploration of personal interest and abilities with regard to career selection and the development of tentative career goals.” This course will allow the student the opportunity to investigate their interests and career choices, the training and skills required (including interpersonal skills), income expectations, and job opportunities.

### **450603 Personal Finance (CN)**

**½ credit**

- Instructor (s): Mr. Seifer
- Grade Level: 11
- Prerequisites: None
- MHS Credit: Required/LBCC Dual Credit
- College Now: Linn Benton Community College – BA 218 (with a final grade of A or B)

This course focuses on your role as a citizen, student, family member, consumer, and active participant in the business world. The goal of Personal Finance is to help students to become financially responsible, conscientious members of society. To reach that end, this course develops students understanding and skills in such areas as money management, budgeting, financial goal attainment, the wise use of credit, insurance, investments, and consumer rights and responsibilities.

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

### **320231 Senior Project**

**½ credit**

- Instructor (s): Senior Advisors
- Grade Level: 12
- Prerequisites: None
- MHS Credit: Required-completed through senior advisory

The senior project class is designed to help 12<sup>th</sup> grade students complete their senior project experience and to help them with organizational, time management, and self-discipline skills. This project reflects the culminations of twelve years of hard work and showcases the students’ learning to this point. Also, through work with a community mentor, students will gain valuable insights and experience. The project will also allow students the opportunity to explore career interests; design a project based on their own passions; become involved in the community; become self-sufficient; and prepare for important college-level skills, such as research paper writing.



**090441 Yearbook Production 1****1 credit**

- Instructor (s): Mrs. Durbin
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective

The focus of this course is producing the school yearbook. Heavy emphasis is placed on meeting deadlines, maintaining high quality standards, meeting requirements, and working responsibly both independently and in various teams.

During this experience students will have the opportunity to develop skills in gathering information, preparing information/materials, layout and display of information and images, editing and positive improvements.

While students are expected to learn all tasks and processes, each student may choose to specialize as writers, layout artists, or photographers.

**090442 Yearbook Production 2****1 credit**

- Instructor (s): Mrs. Durbin
- Grade Level: 10-12
- Prerequisites: Yearbook Production 1
- MHS Credit: Elective

The focus of this course is producing the school yearbook. Heavy emphasis is placed on meeting deadlines, maintaining high quality standards, meeting requirements, and working responsibly both independently and in various teams.

During this experience students will have the opportunity to develop skills in gathering information, preparing information/materials, layout and display of information and images, editing and positive improvements.

While students are expected to learn all tasks and processes, each student may choose to specialize as writers, layout artists, or photographers.

**090443 Yearbook Production 3****1 credit**

- Instructor (s): Mrs. Durbin
- Grade Level: 11-12
- Prerequisites: Yearbook Production 2
- MHS Credit: Elective

The focus of this course is producing the school yearbook. Heavy emphasis is placed on meeting deadlines, maintaining high quality standards, meeting requirements, and working responsibly both independently and in various teams.

During this experience students will have the opportunity to develop skills in gathering information, preparing information/materials, layout and display of information and images, editing and positive improvements. While students are expected to learn all tasks and processes, each student may choose to specialize as writers, layout artists, or photographers.

**090444 Yearbook Production 4 1 credit**

- Instructor (s): Mrs. Durbin
- Grade Level: 12
- Prerequisites: Yearbook Production 3
- MHS Credit: Elective

The focus of this course is producing the school yearbook. Heavy emphasis is placed on meeting deadlines, maintaining high quality standards, meeting requirements, and working responsibly both independently and in various teams.

During this experience students will have the opportunity to develop skills in gathering information, preparing information/materials, layout and display of information and images, editing and positive improvements. While students are expected to learn all tasks and processes, each student may choose to specialize as writers, layout artists, or photographers.

**420111 Psychology ½ credit**

- Instructor (s): Mr. Wolfe
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective

Psychology is the systematic study of individual human behavior and experience. The purpose of this course is to introduce the student to the content, terminology, methodology, and application of the discipline. This course focuses on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Emphases will be placed on research methods, physiological, cognitive, behavioral, and the affective domains of psychology. Class time is divided between lecture, films, reading, discussions, and more. Students will use critical thinking and analysis skills to develop statements orally and in written form.

**330100 Leadership ½ credit**

- Instructor (s): Mr. Wolfe
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective

Leadership is a course where students enhance their skills of inspiring others toward positive change through the accomplishment of common goals. Through a series of lectures, guided interaction, and group exercises, students will explore the principles of leadership and learn to develop individual and group leadership skills to impact their lives and their communities. We will be actively studying leadership by examining self-awareness, communication, organization, goal-setting, decision making and motivation. This class will require students to plan, implement and evaluate projects. In doing so, you will be using both problem-solving and leadership skills. You will be challenged to understand your role in leadership and to identify ways in which you interact with others.



## English/Language Arts

### **2301077 English 1**

**1 credit**

- Instructor (s): Mrs. Durbin, Mr. Wolfe
- Grade Level: 9
- Prerequisites: None
- MHS Credit: Required

English 1 is a year-long course designed to develop student's active reading, critical thinking, and literary analysis skills. Students will study sentence building, paragraph development, conventions, and grammar. The study of literature will emphasize the basic elements of short stories, drama, poetry, and novels. Students will display their knowledge in the written form and orally.

### **230110 English 2**

**1 credit**

- Instructor (s): Mr. Elliott
- Grade Level: 10
- Prerequisites: English 1
- MHS Credit: Required

English 2 is a literature-based Language Arts class designed for sophomores. Its primary focus is to further develop the student's skills in active and critical reading, literary analysis, and writing skills. Other areas of communication, such as speaking and listening, are emphasized as well. This class also provides instruction for meeting state standards for reading and writing, and opportunities to complete required work samples and/or statewide assessments in these areas.

### **230113 English 3**

**1 credit**

- Instructor (s): Mr. Elliott
- Grade Level: 11
- Prerequisites: English 2
- MHS Credit: Required

English 3 is a literature-based Language Arts class designed for juniors. Though not exclusively, it emphasizes the works of American authors and the ideas popular, chronologically, during the various literary periods in America. Its primary focus is to further develop the student's skills in active and critical reading, literary analysis, and writing skills. Special emphasis is given to context analysis—connecting the texts to the larger biographical, cultural, and historical contexts from which they were produced. Includes instruction towards and opportunity for state required writing assessment and/or work samples.

### **230116 English 4**

**½ credit**

- Instructor (s): Mr. Elliott, Mr. Wolfe
- Grade Level: 12
- Prerequisites: English 3
- MHS Credit: Required (elective)

English 4 is a literature-based Language Arts class for seniors. The course is one semester long. The focus of the course is to improve critical thinking skills and determine the underlying assumptions and values within the selected works. Students will read and analyze an array of

material which they will relate to other subject matter, cultures, times and places, as well as to their own life experiences. Students will learn how to read and write in critical, reflective, and creative ways. Oral discussion is an integral part of literature courses, and written compositions are often required.

**230400 Writing 115** **½ credit**

- Instructor (s): Mr. Wolfe
- Grade Level: 12
- Prerequisites: English 3
- MHS Credit: Required (elective)

Intro to Writing introduces critical inquiry in academic and professional reading and writing. Students will identify, analyze, and critically use: (1) a variety of writing situations and modes; (2) appropriate language, formats, and conventions; and (3) social and collaborative writing processes. This course prepares students to succeed in WR 121, a required freshmen course in all Oregon public universities.

**230401 Writing 121 (CN)** **½ credit**

- Instructor (s): Mr. Elliott
- Grade Level: 12
- Prerequisites: Teacher/Counselor approval
- MHS Credit: Required (elective)/LBCC dual credit
- College Now: Linn Benton Community College - WR 121

By implementing techniques and skills sharpened through reading, discussion and analysis of student and professional writing, students will learn to write more proficiently. This class is an opportunity to work through any problems or anxieties they might have about their writing. It is assumed at this level, that students have a good grasp of writing mechanics, grammar, sentence fluency, word choice, organization, and idea development. An important component of the class is literacy education. Students will review use of: online sources, citations and documentation, introducing quoted and paraphrased material, quotations and paraphrases, and research techniques and resources. Students will produce college-level work and spend a significant amount of time working outside of class to earn credit. Students can earn WR 121 credit (3) through LBCC by passing this course with an A or B.

## **Fine and Applied Arts**

### **500511B Drama A/B**

**½ credit**

- Instructor (s): Mr. Elliott
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective (Fine and Applied Arts)

Drama is a semester-long elective that may be taken both semesters (A/B) for students interested in theater. Though we cover some academic content such as the history of drama and various written assignments or tests, much of the class (and much of the grade) is based on performance and participation. Only students who wish to perform on stage and are willing to commit to extra-curricular time for rehearsals should choose this elective.

### **500514/5 Advanced Stagecraft A/B**

**½ credit**

- Instructor (s): Mr. Elliott
- Grade Level: 10-12
- Prerequisites: Drama A & B
- MHS Credit: Elective (Fine and Applied Arts)

Advanced Stagecraft is an individualized course that allows experienced drama students to further explore specific areas of personal interest or talent in theater. The class is designed to be taken alongside Exploring Drama students, with adaptations based on the individual student(s) taking Advanced Stagecraft and the particular requirements of the play(s) being staged that year.

### **500704/B Art A/B**

**½ credit**

- Instructor (s): Mrs. Contreras
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective (Fine and Applied Arts)

Art offers study, writing, presenting, and producing art. Students will have the opportunity to experience a variety of media, art forms, and art movements through drawing, painting, calligraphy, ceramics, stained glass, and printmaking. They will study art history, artists, and art movements. Students will be able to connect these artists and movements to the history, politics, and social issues of the time. In some cases, students many choose to challenge or extend projects they've previously done. Projects and study for advanced students will reflect a higher level of rigor and depth of study. Introduction to Art and Advanced Art can be taken for a full year.

### **500705/6 Advanced Art A/B**

**½ credit**

- Instructor (s): Mrs. Contreras
- Grade Level: 10-12
- Prerequisites: Art A & B (year)
- MHS Credit: Elective (Fine and Applied Arts)

Art offers study, writing, presenting, and producing art. Students will have the opportunity to experience a variety of media, art forms, and art movements through drawing, painting, calligraphy, ceramics, stained glass, and printmaking. They will study art history, artists, and art movements. Students will be able to

connect these artists and movements to the history, politics, and social issues of the time. In some cases, students may choose to challenge or extend projects they've previously done. Projects and study for advanced students will reflect a higher level of rigor and depth of study. Introduction to Art and Advanced Art can be taken for a full year.

## **Foreign Language**

### **160933 Spanish 1 1 credit**

- Instructor (s): Mrs. Contreras
- Grade Level: 9-12
- Prerequisites: A meeting score on the 8<sup>th</sup> grade Reading Smarter Balanced Assessment
- MHS Credit: Elective (Fine and Applied Arts)

This course incorporates a balance of listening, speaking, reading, and writing skills, with the emphasis on speaking and communicating. Students will have the opportunity to use the second language in a meaningful speaking context and will be actively engaged in language production inside and outside of class. A variety of activities are used to address various learning styles; for example: cooperative learning, oral drill, plays, internet interactive tasks, listening activities, skits, drawing, reading, writing, video programs, cultural study, and student presentations.

### **160934 Spanish 2 1 credit**

- Instructor (s): Mrs. Contreras
- Grade Level: 10-12
- Prerequisites: Spanish 1
- MHS Credit: Elective (Fine and Applied Arts)

This course is a continuation of Spanish I with added emphasis on sustained spoken Spanish for longer periods of time. At this level tenses beyond the present tense, such as the preterite, future, and compound tenses, are used in conversational situations. Students will refine pronunciation skills, read literature selections, and analyze Spanish syntax, grammar, culture, and history. Teaching and reinforcement of new concepts and vocabulary will be delivered through various methods that provide comprehensible input, such as games, songs, active participation, cultural activities, group work, videos, and games.

### **160935 Spanish 3 1 credit**

- Instructor (s): Mrs. Contreras
- Grade Level: 11-12
- Prerequisites: Spanish 2
- MHS Credit: Elective (Fine and Applied Arts)

This course is a continuation of Spanish II with added emphasis on more complex spoken and written Spanish. At this level, tenses beyond the present tense, such as the preterite, future, imperfect, subjunctive, perfect, and compound tenses, are used in written and conversational situations. Students will demonstrate proficient pronunciation skills, read and analyze literature selections; and analyze Spanish syntax, grammar, culture, and history. Teaching and reinforcement of new concepts and vocabulary will be delivered in ways that will be meaningful to students' own experiences as evidenced by oral presentations, lesson presentations to peers, letters, and compositions. As well, students will read and interpret more challenging Spanish literature. This course requires students to be self-directed and self-disciplined. They will manage their time well so they can be productive while doing independent study.

## **Health Education**

### **340134 Health 10**

**½ credit**

- Instructor (s): Mr. Fielder
- Grade Level: 10<sup>th</sup>
- Prerequisites: None
- MHS Credit: Required

The overall aim of Health 10 is to help students appreciate the value of physical, mental, and social health and to give them the knowledge they need to achieve and maintain such a state of well being. In order to meet these goals, Health 10 covers units on chemical abuse, emotional development, the reproductive system, contraception, non-communicable and communicable diseases, and violence in society and the family.

### **340135 Health 11**

**½ credit**

- Instructor (s): Mr. Fielder
- Grade Level: 11<sup>th</sup>
- Prerequisites: Health 10
- MHS Credit: Required

Students will focus on the concepts of nutrition, mental and emotional health. The main units of study will be: a) Nutrition, b) Mental and emotional wellness and problems, c) Managing stress, d) Sexually transmitted diseases, e) Drugs, alcohol, tobacco and recovery

## **Industrial Arts**

### **480711      Woodworking 1      ½ credit**

- Instructor (s):      Mr. Mulanax
- Grade Level:      9-12<sup>th</sup>
- Prerequisites:      None
- MHS Credit:      Elective (Fine and Applied Arts)

Students enrolled in this course will secure knowledge in basic “wood” technology, the safe operation of common woodworking tools, jigs and fixtures, how to develop a three-view drawing, and demonstrate personal safety. There will be four required projects that require the use of several machines and processes.

This course will enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.

### **480712      Woodworking 2      ½ credit**

- Instructor (s):      Mr. Mulanax
- Grade Level:      9-12
- Prerequisites:      Woodworking 1
- MHS Credit:      Elective (Fine and Applied Arts)

Students enrolled in this course will secure knowledge in basic cabinetry/furniture construction and finishing techniques. Projects include a two-drawer nightstand and an Adirondack chair. Students will further their Woodworking 1 skills with the addition of creating basic three view drawings.

### **480713      Woodworking 3      ½ credit**

- Instructor (s):      Mr. Mulanax
- Grade Level:      10-12
- Prerequisites:      Woodworking 2
- MHS Credit:      Elective (Fine and Applied Arts)

Students enrolled in this course will learn to use ISMI TurboCAD drawing program to create a architectural rendering of a local historic building and build a scale-model of the same.

### **480714      Woodworking 4      ½ credit**

- Instructor (s):      Mr. Mulanax
- Grade Level:      10-12
- Prerequisites:      Woodworking 3
- MHS Credit:      Elective (Fine and Applied Arts)

Students enrolled in this course will learn to use ISMI TurboCAD drawing program to create a architectural rendering of a local historic building and build a scale-model of the same.

**480715 Woodworking 5** **½ credit**

- Instructor (s): Mr. Mulanax
- Grade Level: 11-12
- Prerequisites: Woodworking 4
- MHS Credit: Elective (Fine and Applied Arts)

Students enrolled in this course will increase their knowledge in woodworking with basic cabinetry/furniture construction and finishing techniques. The project is a teacher-approved project of the student's choosing.

**480521 Welding 1 (CN)** **½ credit**

- Instructor (s): Mr. Mulanax
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective (Fine and Applied Arts)/LCC dual credit
- College Now: Lane Community College Credit – WLD 111, WLD 121

Students enrolled in this course will secure knowledge in Oxygen-Acetylene and general "in-position" Arc Welding. Skills include electrical, material handling, and personal safety. The purpose of this class is to learn "how" to join metal together using a variety of processes and weldor positions. Exhibition of proficiency will be demonstrated by fusing 6" coupons together and completing required projects as per check-off sheet.

This course enables students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes), and experience in identifying, selecting, and rating appropriate techniques. This course includes instruction in interpreting blueprints or other types of specifications.

The student may earn college credit from Lane Community College. To earn this credit, the student must complete ALL weldments, demonstrate safe practices with welding equipment, participate in general cleanup as per assignment, and turn in all homework exercises with a "B" or better.

**480522 Welding 2 (CN)** **½ credit**

- Instructor (s): Mr. Mulanax
- Grade Level: 9-12
- Prerequisites: Welding 1
- MHS Credit: Elective (Fine and Applied Arts)/LCC dual credit
- College Now: Lane Community College Credit – WLD 122, WLD 143

Students enrolled in this course will be introduced to Metal Inert Gas (MIG) and Tungsten Inert Gas (TIG) welding procedures and other processes with an emphasis on "out-of-position" Arc Welding. Students will use the Plasma CAM for creating student projects and community projects.

The student may earn college credit from Lane Community College. To earn this credit, the student must complete the 4 focal out-of-position weldments above and beyond the other 20 weldments, demonstrate safe practices with welding equipment, participate in general cleanup as per assignment, and turn in all homework exercises with a "B" or better.



**480523      Welding 3 (CN)****½ credit**

- Instructor (s):      Mr. Mulanax
- Grade Level:      10-12
- Prerequisites:      Welding 2 (grade of C or better)
- MHS Credit:      Elective (Fine and Applied Arts)
- College Now:      Lane Community College Credit – ARC 1, MIG 1

Students enrolled in this course will further their welding skills through out-of-position ARC (GMAW) welding assignments and "in-position" MIG (GMAW) weldng assignments. Students will also be introduced to the Oxy-Fuel cutting process.

The student may earn ARC 1 and MIG 1 college credit from Lane Community College. To earn this credit, the student must complete 90% of the assigned weldments including demonstration of safe practices, participate in general cleanup with a combined grade of "B" or better.

Oxy-Fuel Cutting: 2 projects  
Out-of-Position SMAW: 13 projects  
"In-position" GMAW: 17 projects

**480514      Welding 4 (CN)****½ credit**

- Instructor (s):      Mr. Mulanax
- Grade Level:      10-12
- Prerequisites:      Welding 3 (grade of C or better)
- MHS Credit:      Elective (Fine and Applied Arts)
- College Now:      Lane Community College Credit – ARC 2, MIG 2

Students enrolled in this course will further their welding skills through advanced out-of-position ARC (SMAW) welding assignments and advanced MIG (GMAW) weldng assignments.

The student may earn ARC 2 and MIG 2 college credit from Lane Community College. To earn this credit, the student must complete 90% of the assigned weldments including demonstration of safe practices, participate in general cleanup with a combined grade of "B" or better.

Advanced Out-of-Position SMAW: 20 projects  
Advanced GMAW: 17 projects

**480525      Welding 5 (CN)****½ credit**

- Instructor (s):      Mr. Mulanax
- Grade Level:      10-12
- Prerequisites:      Welding 4 (grade of C or better)
- MHS Credit:      Elective (Fine and Applied Arts)
- College Now:      Lane Community College Credit – MIG 3

Students enrolled in this course will further their welding skills in Metal Inert Gas Welding (GMAW) in all positions (horizontal, flat, vertical, and overhead).

The student may earn MIG 3 college credit from Lane Community College. To earn this credit, the student must complete 90% of the assigned weldments including demonstration of safe practices, participate in

general cleanup with a combined grade of "B" or better.

Advanced variable position GMAW assignments: 22 projects

**480526 Welding 6 (CN)**

**½ credit**

- Instructor (s): Mr. Mulanax
- Grade Level: 10-12
- Prerequisites: Welding 5 (grade of C or better)
- MHS Credit: Elective (Fine and Applied Arts)
- College Now: Lane Community College Credit – Tungsten Arc Welding 1

Students enrolled in this course will further their welding skills in Tungsten Inert Gas Welding (TIG) through a variety of in-position flat and horizontal welding assignments.

The student may earn Tungsten Arc Welding 1 college credit from Lane Community College. To earn this credit, the student must complete 90% of the assigned weldments including demonstration of safe practices, participate in general cleanup with a combined grade of "B" or better.

Flat position welding assignments (9)

Horizontal position welding assignments (10)

**480527 Welding 7 (CN)**

**½ credit**

- Instructor (s): Mr. Mulanax
- Grade Level: 10-12
- Prerequisites: Welding 6 (grade of C or better)
- MHS Credit: Elective (Fine and Applied Arts)
- College Now: Lane Community College Credit – Tungsten Arc Welding 2

Students enrolled in this course will further their welding skills in Tungsten Inert Gas Welding (TIG) through a variety of out-of-position vertical and overhead welding assignments.

The student may earn Tungsten Arc Welding 2 college credit from Lane Community College. To earn this credit, the student must complete 90% of the assigned weldments including demonstration of safe practices, participate in general cleanup with a combined grade of "B" or better.

Flat position welding assignments (8)

Horizontal position welding assignments (10)

**300311 Fundamentals of Engineering**

**½ credit**

- Instructor (s): Mr. Mulanax
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective (Fine and Applied Arts)

The purpose of this class is for students to work individually (or as a team on some projects) to design and create a variety of projects that represent hands-on-engineering or other vocational related trades commonly found in industry. This course will provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Within these projects, the

students will interact with such concepts as force, rate, resistance, and work. Projects may include; household electricity/wiring, pine derby racing, basic electronics bridge building & statewide competition, small electric motor design, suspended fixed-weight-drop, scale model house construction, rocketry, mousetrap dragsters, electronics, trebuchet, and a Rube Goldberg exercise.

**470611 Small Motors Technology ½ credit**

- Instructor (s): Mr. Mulanax
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Elective (Fine and Applied Arts)

Students enrolled in this course will secure knowledge in 4-Cycle theory and operation, precision, measurements, and relative issues as they troubleshoot, disassemble, inspect, rebuild, and assemble, a small gasoline-powered motor.

This courses provides students with the opportunity to learn how to service and recondition small motors. Students will receive opportunities to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust, and starting systems; use hand, power, and overhaul tools; and read and interpret service manuals and parts' catalogs. Applications may include lawn mowers, tractors, tillers, power tools, and so on.

**150300 Principles of Technology 1 1 credit**

- Instructor: Mr. Mulanax
- Grade Level: 10-12<sup>th</sup>
- Prerequisites: Welding 1
- MHS Credit: Elective (Fine and Applied Arts)

The purpose of this class is for a group of students to work together as a team to design and build a full sized race-kart powered by batteries. The team will race their energy efficient creation at several rallies through out Oregon against many other high school teams to determine the effectiveness of their project.

Developing skills will include MIG welding, machine tool, material selection, compromising, composites, plastics, automotive paint, drafting, electrical, mechanical systems, time management, basic physics, safety, and ethical team interaction.

Project will consist of an electric go-kart based off a simple plan altered to fit all students on the team.

This course will provide students with the opportunity to focus on one or more areas of Industrial Technology, by creatively pursuing new knowledge or solving a technological problems. They will design and build prototypes and working models. Students learn and apply appropriate information in order to complete a project.

**150301 Principles of Technology 2 (CN) 1 credit**

- Instructor: Mr. Mulanax
- Grade Level: 11-12
- Prerequisites: Principles of Technology 1
- MHS Credit: Elective (Fine and Applied Arts)/LBCC Dual Credit
- College Now: Linn Benton Community College – MT 3.834 (completion of PT1 & PT2)

The purpose of this class is, as a continuation of Principles of Technology 1, for a group of students to work together as a team to design and build a race-kart powered by batteries. The team will race their energy efficient creation at several rallies through out Oregon against many other high school teams to determine the effectiveness of their project.

Enhancing skills will focus on welding, machine tool, material selection, compromising, fiberglass, plastics, automotive paint, drafting, electrical, mechanical systems, time management, basic physics, safety, and ethical team interaction.

Project will consist of an electric go-kart of the team's own design. Design will also include battery, power train, and driver management systems.

This course will provide students with the opportunity to focus on one or more areas of Industrial Technology, by creatively pursuing new knowledge or solving a technological problems. They will design and build prototypes and working models. Students learn and apply appropriate information in order to complete a project.

## Mathematics

Three credits of math are required for graduation. Colleges and universities highly recommend and sometimes require students take four years of math. Oregon public universities require that students have taken at least Algebra 2. It is recommended that each student should take one of the following math sequences:

<u>9<sup>th</sup> Grade</u>	<u>10<sup>th</sup> Grade</u>	<u>11<sup>th</sup> Grade</u>	<u>12<sup>th</sup> Grade</u>
<ul style="list-style-type: none"><li>Algebra 1-Foundations</li><li>Algebra 1</li><li>Geometry</li></ul>	<ul style="list-style-type: none"><li>Algebra 1</li><li>Geometry</li><li>Algebra 2</li></ul>	<ul style="list-style-type: none"><li>Geometry</li><li>Algebra 2</li><li>College Algebra</li></ul>	<ul style="list-style-type: none"><li>Algebra 2</li><li>College Algebra</li><li>Pre Calc/Calculus</li></ul>

### Ninth Grade Math Placement

The placement of eighth graders into the ninth grade math curriculum is based upon the scores of the 8<sup>th</sup> grade Smarter Balanced test, ACT Aspire test, the recommendation of the eighth grade math teacher, high school math department chair, and the high school counselor.

#### **270472 Algebra 1 - Foundations 1 credit**

- Instructor (s): Mr. Martinez
- Grade Level: 9-10
- Prerequisites: Placement
- MHS Credit: Mathematics

This course is designed for students who have passed pre-algebra but have struggled to make adequate progress toward achieving the mathematics state standards on benchmark test level III. Time provision is made for additional scaffolding of algebraic concepts, acquisition of key vocabulary, additional repetition of problem solving skills, and remediation of prerequisite pre-algebra skills.

The course contains: a brief review of fractions, percents, decimals, perimeter, area and volume; an introduction to functions, expressions, equations, and inequalities with attention given to translation of verbal phrases into symbolic; study of properties of real numbers as they relate to solving algebraic problems; solving single-variable equations and the application of proportions; solving, modeling with and graphing linear equations; and writing linear equations.

#### **270404 Algebra 1 1 credit**

- Instructor (s): Mr. Martinez
- Grade Level: 9-10
- Prerequisites: Placement
- MHS Credit: Mathematics

Algebra 1 is offered to students who have passed eighth grade math, pre-algebra and have met or nearly met the eighth grade state math exam, demonstrating progress toward achieving their benchmarks in mathematics. The course is designed for students to acquire the ability to apply and express algebraic concepts and skills to organize and solve mathematical problems that will be met in life. Understanding the basic structure of algebra is necessary for students to continue studies in mathematics and the sciences.



preparatory course is designed for students who have passed Algebra II but are not ready for Pre-Calculus/Trigonometry. Topics for this course include linear functions, quadratic functions, polynomial functions, arithmetic/ geometric sequences and series, exponential and logarithmic functions, rational functions, complex number system, regressions, matrices, and systems of equations.

**270411 Pre-Calculus (CN) ½ credit**

- Instructor (s): Mrs. Boatwright
- Grade Level: 11-12
- Prerequisites: College Algebra or Placement
- MHS Credit: Mathematics/LBCC Dual Credit
- College Now: Linn Benton Community College - MTH 112

Students who plan to continue their study of mathematics in Pre-Calculus/Trigonometry or other courses at the college level are encouraged to take this course. While the focus is to prepare students for higher level mathematics, others will benefit by expanding their knowledge in this area. Topics for the course include properties of real numbers, circular functions, trigonometric functions, applications of trigonometry, trigonometric identities, proofs, parametric equations, vectors, polar coordinates, and analytic geometry.

**270419 Calculus ½ credit**

- Instructor (s): Mrs. Boatwright
- Grade Level: 11-12
- Prerequisites: College Algebra or Placement
- MHS Credit: Mathematics

Differential Calculus is the first of two fundamental mathematical tools used to describe the behavior of systems in motion. Whereas algebra, geometry, and trigonometry describe static systems, calculus allows the mathematician to describe how motions interact in a very dynamic way. Successful completion is based on participation in class discussions, submission of regular text-based homework, study of mathematics with Calculus or other courses at the college level are encouraged to take this course. This is a college preparatory class and requires a great amount of self-discipline on the part of the student.

## Physical Education

### **340115 Physical Education 9 ½ credit**

- Instructor (s): Mr. Fielder
- Grade Level: 9<sup>th</sup>
- Prerequisites: None
- MHS Credit: Required Physical Education

The goal of this course is to increase the students' overall physical fitness, and knowledge of being fit for life. This includes functional movements as a warm up, with ladders and hops for body control and coordination. A variety of agility, speed and aerobic/ anaerobic movements are performed following warm ups on a daily basis. Total body strength training, with sets, reps and core lifts, are utilized on a daily basis. Activity development is designed to introduce students to recreational games, concepts, team work, and sportsmanship. Mass aerobic activities will also be included.

### **340114 Physical Education 10 ½ credit**

- Instructor (s): Mr. Fielder
- Grade Level: 10<sup>th</sup>
- Prerequisites: Physical Education 9
- MHS Credit: Required Physical Education

The goal of this course is to increase the students' overall physical fitness, and knowledge of being fit for life. This includes functional movements as a warm up, with ladders and hops for body control and coordination. A variety a agility, speed and aerobic/ anaerobic movements are performed following warm ups on a daily basis. Total body strength training, with sets, reps and core lifts, are utilized on a daily basis. Activity development is designed to introduce students to recreational games, concepts, team work, and sportsmanship. Mass aerobic activities will also be included.

### **360171(2) Strength, Speed and Sport Skill A/B ½ credit**

- Instructor (s): Mr. Fielder
- Grade Level: 9-12<sup>th</sup>
- Prerequisites: Physical Education 9
- MHS Credit: Elective Physical Education

The goal of this course is to increase the student's size, strength, speed agility, and explosive power. The strength program is run on a five week cycle, with sets, reps, and intensity changing week to week. The fifth week consists of testing of core lifts maximums, speed gains and agility progress. The speed and agility workout consist of functional movements, ladders and hops. A variety of agility runs, resistant movements, and plyometric/explosive jumps are performed on a daily and rotational basis. The skill development is designed as sport specific and conducted on a seasonal basis. Recreational and mass aerobic activities will also be included.



## Science

### **400121 Physical Science 1 credit**

- Instructor (s): Mrs. Palmer
- Grade Level: 9
- Prerequisites: None
- MHS Credit: Required Science

This course is an introductory physical science course that helps students understand structures and properties of matter and changes that occur in the natural world. The first semester focuses on the study of chemistry including topics, such as, matter, atoms, elements, the periodic table, chemical bonding and reactions. The second semester focuses on the study of physics, covering the nature of science, motion, forces, heat, energy, and waves. The course is a lab oriented class designed to develop investigative and problem solving skills of students through the proper application of the scientific method.

### **260131 Biology 1 credit**

- Instructor (s): Mrs. Palmer
- Grade Level: 10
- Prerequisites: Physical Science
- MHS Credit: Required Science

This is an introductory course covering basic biological concepts and processes including: scientific inquiry, ecology, molecular biology, cell structure and function, heredity and genetics, and evolution. This course also includes labs that complement the lecture and homework material which are designed to help the students into independent and/or team research and thought.

### **260753 Environmental Science 1 credit**

- Instructor (s): Mrs. Palmer
- Grade Level: 11-12
- Prerequisites: Biology
- MHS Credit: Required/Elective Science

Environmental Science will introduce students to major ecological concepts and environmental problems that affect the world in which we live. Topics and issues studied will include: interdependent relationships in ecosystems, cycles of matter and energy transfer in ecosystems, ecosystem dynamics, social interactions and group behavior, natural resources, natural hazards, human impact on Earth systems, global climate change, Earth materials and systems, plate tectonics and large-scale system interactions, the roles of water in Earth's surface processes, weather and climate, and biogeology. During this course students will participate in field research and community outreach projects, such as developing and teaching a learning activity at an annual Wildlife Summit. Students will also research, analyze and communicate scientific articles and present field research projects.

### **260751 Anatomy and Physiology 1 credit**

- Instructor (s): Mrs. Palmer
- Grade Level: 11-12
- Prerequisites: Biology
- MHS Credit: Required/Elective Science



## **Social Science**

### **450704 Global Studies 1 credit**

- Instructor (s): Mr. Wolfe
- Grade Level: 10<sup>th</sup>
- Prerequisites: None
- MHS Credit: Required Social Science

This Course gives students the opportunity to study the history, geography, and politics of regions of the world, with emphasis on the time period from earths known beginning to modern time. The first half of the course will focus on a historical and geographical viewpoint across the globe, the second half of the course will focus on individual areas on the world where students will be able to delve deeper into the geography and culture of that area. Students will analyze how physical, geographical, social, cultural, economic, political, and technological elements helped to shape and impact life in today's global society. In addition basic geographic skills such as time zones, latitude and longitude, understanding map legends, population pyramids, country and physical feature locations will be reviewed.

### **450812 United States History 1 credit**

- Instructor (s): Mrs. Durbin
- Grade Level: 11
- Prerequisites: None
- MHS Credit: Required Social Science

This course will review events throughout US. History including: Era 1: Three worlds meet (beginnings to 1620), Era 2: Colonization and Settlement (1585-1763), Era 3: Revolution and the New Nation (1754-1820's), Era 4: Expansion and reform (1801-1861), Era 5: Civil War and Reconstruction (1850-1877), Era 6: The development of the Industrial United States (1870-1900), and Era 7: The Emergence of Modern America (1890-1930). Era 8: The Great Depression and World War II (1929-1945), Era 9: Postwar United States (1940's, Cold War, 1950's), and Era 10: Contemporary United States (Vietnam, Korea, Civil Rights) (1968 to present). Students will analyze cause and effect relationships as well as patterns of change or continuity over time. Students will be required to engage in extensive in-class activities in addition to doing work from the text. They will be expected to understand and demonstrate understanding of the importance and lasting influence of issues, events, people and developments of this time period. Students will be graded on quizzes, culminating activities at the end of units, and classroom discussion.

### **451004 American Government ½ credit**

- Instructor (s): Mr. Wolfe
- Grade Level: 12
- Prerequisites: None
- MHS Credit: Required Social Science
- Length of Course: One Semester

This course will provide students the opportunity to learn about the government of the United States at the federal, state, and local levels. Students will explore the purpose of government and will examine how various governments meet the needs of the people. This course will allow students to examine the duties, responsibilities, and individual roles of citizens in a democracy, as well as prepare them to become contributing members of American society.

Students will be able to explore all aspects of civic participation through the use of iCivics, an online-based resource founded by former Supreme Court Justice Sandra Day O'Connor. iCivics games place students in different civic roles and give them agency to address real-world problems and issues.

**450602            Economics**

**½ credit**

- Instructor (s):            Mr. Seifer
- Grade Level:             12
- Prerequisites:            None
- MHS Credit:              Required Social Science
- Length of Course:        One Semester

This course will examine fundamental principles of economics, and allow students to apply their knowledge of those principles to issues facing them today. Topics to be explored include International Ethics in Economics, Globalization, the World Bank, the IMF, global markets vs. local markets, resource scarcity of food, water, and natural gas, and more.

Students will wrestle with economic concepts and current events through the use of documentary films, classroom discussion, and written assessments.

## **Special Instruction**

### **569101 Resource Study Skills ½ credit**

- Instructor (s): Mrs. Esplin
- Grade Level: 9-12
- Prerequisites: IEP, 504. ELL Identified, or Instructor/Counselor Approval
- MHS Credit: Elective

Resource Study Skills is a class where students can receive tutoring assistance, life skill instruction, study skills, and opportunities for job shadowing experiences. This class is only open to identified students with instructor and counselor approval.

### **450617 Transitions ½ credit**

- Instructor (s): Mrs. Esplin
- Grade Level: 11-12
- Prerequisites: IEP, 504. ELL Identified, or Instructor/Counselor Approval
- MHS Credit: Elective

Transitions is a course designed to help identified senior students successfully move into life after high school. Students will learn skills including filling out job applications, interviewing, and effectively communicating in a variety of modes. Activities will include job shadowing, career exploration activities, and skill and interest inventories.

### **320011 Freshman Academy ½ credit**

- Instructor (s): Mr. Wolfe
- Grade Level: 9
- Prerequisites: Instructor/Counselor Approval
- MHS Credit: Elective

Freshman Academy is a class that promotes the ideas of SOAR Study Skills. SOAR is a system of easy, student-friendly strategies that help students study and complete homework more efficiently. Students will learn skills that will help them improve their: time management, organizational skills, communication, planning processes, reading comprehension, goal setting, writing skills, test taking, and note taking. This class will help with the transition to high school and the workload that comes with it.

### **231213 Reading ½ credit**

- Instructor (s): Mr. Wolfe
- Grade Level: 9-12
- Prerequisites: Instructor/Counselor Approval
- MHS Credit: English/Elective

Reading is a literature-based course for all students. The course is one semester long. In the course students will have the opportunity to improve their reading and writing skills. It will focus on analyzing current and classic pieces of literature. Students will use critical thinking skills to determine values, writing styles, how the material portrays society, and more. These findings will be expressed through discussions, writing pieces, and other creative projects.