



Monroe High School

365 N 5th 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**

Course Offerings

Business & Computer Technology (p. 3)

Computer-Aided Drafting (CAD)
Computer Applications
Desktop Publishing
Graphic Design
Intro to Computer Science

Career Education/Electives (p. 5)

AVID 9 & 10
Freshman Academy
Personal Finance
Psychology
Senior Project
Work Experience
Yearbook Production 1-4

Credit Recovery (p. 9)

Credit Recovery

English/Language Arts (p. 10)

English 1
English 2
English 3
English 4
Writing 115
Writing 121

Fine/Applied Arts (p. 12)

Art
Advanced Art
Drama
Advanced Stagecraft

Foreign Language (p. 13)

Spanish 1
Spanish 2
Spanish 3
Spanish 4

Health Education (p. 15)

Health 9
Health 11
Health 12

Industrial Arts (p. 18)

Welding 1-7
Woodworking 1-5

Mathematics (p. 20)

Algebra I - Foundations
Algebra I
Geometry
Algebra II
College Algebra
Pre-Calculus/Calculus

Physical Education (p. 23)

Physical Education 9
Speed, Strength, and Sport Skill

Science (p. 24)

Physical Science
Biology
Field Biology
Environmental Science
Chemistry

Social Science (p. 26)

Global Studies
US History
Government
Economics

Special Instruction (p. 28)

Reading
Resource Study Skills
Transitions

Edgenuity Electives (p. 29)

Agriculture, Food, and Nat. Resources
Animal Systems
Art History A/B
Career Elective
Engineering & Design
Forensics: *Using Science to Solve a Mystery*
Human Growth and Development
Intro to STEM
Lifetime Fitness
Power, Structural, & Technical Systems
Psychology
Sociology

Business and Computer Technology

150431 Computer-Aided Drafting (CAD) ½ credit

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

The purpose of this class is for students to learn how to use Computer-Aided Drafting systems to assist in the creation, modification, analysis, or optimization of a technical drawing. CAD software is used to increase the productivity of the designer, improve the quality of design, improve communications through documentation. As in the manual drafting of technical and engineering drawings, the output of CAD must convey information, such as materials, processes, dimensions, and tolerances, according to application-specific conventions.

Drawings for the student will include mechanical components in various views and an architectural design.

110131 Computer Applications ½ credit

- Instructor (s): Mrs. Durbin
- 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.

110137 Graphic Design ½ credit

- Instructor (s): Mrs. Durbin
- 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 ½ credit

- Instructor (s): Mrs. Durbin
- 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

5051209 AVID 9 A/B

½ credit

- Instructor (s): Mr. Wolfe
- Grade Level: 9
- Prerequisites: Approved AVID application
- MHS Credit: Career Education/Elective

The AVID course is an elective class for students who are college or career bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICOR) through the AVID High School curriculum in both teacher and tutor-led activities. While enrolled students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college/career motivational activities and intensive preparation for the SAT and SBAC assessments. Students are awarded .50 Career Education credit for the second semester of this course.

5051210 AVID 10

½ credit

- Instructor (s): Mr. Wolfe
- Grade Level: 10
- Prerequisites: Approved AVID application
- MHS Credit: Elective

The AVID course is an elective class for students who are college or career bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICOR) through the AVID High School curriculum in both teacher and tutor-led activities. While enrolled students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college/career motivational activities and intensive preparation for the SAT and SBAC assessments.

320011 Freshman Academy A/B

½ credit

- Instructor (s): Mrs. Durbin
- Grade Level: 9
- Prerequisites: Instructor/Counselor Approval
- MHS Credit: Career Education/Elective

The focus of this course is to help students transition into high school and give them skills that will help them to succeed both in high school and in their future endeavors, whether that be a community college, university, or a career path. The first semester will focus on giving the students skills to help them succeed such as: setting goals, note taking, organization, critical thinking, close reading, studying and preparing for a test etc. Students will also be given support for other classes, including some time to work on course work, and one on one consultation about grades and assignments weekly.

The second semester will have a focus on career education; allowing students to investigate their interest and career choices, the training and skills requires (including interpersonal skills, income expectations, and job opportunities in those specific fields. Students are awarded .50 Career Education credit for the second semester of this course.

450603 Personal Finance**½ credit**

- Instructor (s): Mr. Martinez
- Grade Level: 12
- Prerequisites: None
- MHS Credit: Required

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

The senior project class is designed to help 12th 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.cooperating teacher.

320104 Work Experience**½ credit**

- Instructor (s): Mrs. DeVicq
- Grade Level: 12
- Prerequisites: Instructor Approval
- MHS Credit: Elective

Senior Structured Work Release is a program designed to connect students with their community in a productive and meaningful way. This is an opportunity for seniors to move out of the school environment and into the community through part-time employment that will teach not only job skills but also personal responsibility.

- 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.

Credit Recovery

350100 Credit Recovery

½ credit

- Instructor (s): Ms. Deskins
- Grade Level: 9-12
- Prerequisites: None
- MHS Credit: Varies

Credit recovery courses allow students to recover required credits and are offered online through Edgenuity. Students will be assigned a period in the library to work on their course, but all courses will require students to work at home as well. 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/course.

English/Language Arts

2301077 English 1

1 credit

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

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): TBD
- 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 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

500704/B Art A/B

½ credit

- Instructor (s): Mrs. Thornburg
- 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. Students will be able to connect these artists and movements to the history, politics, and social issues of the time.

500705/6 Advanced Art A/B

½ credit

- Instructor (s): Mrs. Thornburg
- 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.

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.

Foreign Language

160933 Spanish 1 1 credit

- Instructor (s): Ms. LaCroix
- Grade Level: 9-12
- Prerequisites: None
- 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): Ms. LaCroix
- 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): Ms. LaCroix
- 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.

160936 Spanish 4

1 credit

- Instructor (s): Ms. LaCroix
- Grade Level: 11-12
- Prerequisites: Spanish 3
- MHS Credit: Elective (Fine and Applied Arts)

In Spanish 4, we will focus on the Mexican-American experience (both historical and modern) through literature and film. Our study of the language will include a review of grammar studied in Spanish 1-3, with the addition of the past subjunctive mood and the use of direct and indirect pronouns. With the exception of difficult grammar explanations, the class will be conducted in Spanish. The majority of summative assessments will be projects.

Health Education

340134 Health 9

½ credit

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

The overall aim of Health 9 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 9 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: 11th
- Prerequisites: Health 9
- 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

340136 Health 12

½ credit

- Instructor (s): Mr. Sisneros
- Grade Level: 12th
- Prerequisites: Health 9
- 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

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)

- 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)

480711 Woodworking 1

½ credit

- Instructor (s): Mr. Mulanax
- Grade Level: 9-12th
- 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.

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>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
<ul style="list-style-type: none">Algebra 1-FoundationsAlgebra 1Geometry	<ul style="list-style-type: none">Algebra 1GeometryAlgebra 2	<ul style="list-style-type: none">GeometryAlgebra 2College Algebra	<ul style="list-style-type: none">Algebra 2College AlgebraPre Calc/Calculus

Ninth Grade Math Placement

The placement of eighth graders into the ninth grade math curriculum is based upon the scores of the 8th grade Smarter Balanced test, the recommendation of the eighth grade math teacher, high school math teacher(s), and the high school counselor.

270472	Algebra 1 - Foundations	1 credit
<ul style="list-style-type: none">Instructor (s):Grade Level:Prerequisites:MHS Credit:	<ul style="list-style-type: none">Mr. Martinez9-10PlacementMathematics	

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
<ul style="list-style-type: none">Instructor (s):Grade Level:Prerequisites:MHS Credit:	<ul style="list-style-type: none">Mr. Martinez9-10PlacementMathematics	

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

through LBCC, students must complete the class with an A or B and pass the LBCC final. This college 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) $\frac{1}{2}$ credit

- Instructor (s): TBD
- 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 $\frac{1}{2}$ credit

- Instructor (s): TBD
- 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: 9th
- 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.

360171(2) Strength, Speed and Sport Skill A/B

½ credit

- Instructor (s): Mr. Fielder
- Grade Level: 9-12th
- 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.

260135 Field Biology 1 credit

- Instructor (s): Mrs. Palmer
- Grade Level: 10-12
- Prerequisites: Physical Science
- MHS Credit: Science Elective

Field Biology is a hands-on course that will explore our local ecosystem. Students will have the opportunity to participate in multiple labs and field days to study the influence biology has on our lives. Students will have the opportunity to network with local biology organizations such as Oregon Fish and Wildlife, OSU extension programs, and local biologists to further their understanding of Biology.

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.

400511 Chemistry

1 credit

- Instructor (s): Mrs. Palmer
- Grade Level: 11-12
- Prerequisites: Biology, Algebra 2
- MHS Credit: Required/Elective Science

This is a year-long course designed for students interested in continuing in a science field or college bound juniors and seniors. Chemistry examines the composition of various substances and changes they go through. It also demonstrates how chemistry touches our lives almost everywhere and everyday, in medicine, the clothes we wear, games we play, as well as industries that make things we use. The course emphasizes topics such as: classification of matter, chemical shorthand, structure of atoms and compounds, the mole, chemical formulas, equations, and reactions, solids, liquids, and gases.

Social Science

450704 Global Studies 1 credit

- Instructor (s): Mrs. Durbin
- Grade Level: 10th
- 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. Wolfe
- 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

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.

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.

Edgenuity Electives

010183 Agriculture, Food, and Natural Resources

½ credit

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

This semester-length high school course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, “green” technologies, agribusiness principles, and sustainability systems. In this course, students apply understanding of ecosystems and systems thinking to the management of natural resources to maximize the health and productivity of the environment, agriculture, and communities. Students also analyze community practice or policy development related to sustainability in agriculture, food, and natural resources. Finally, students apply adaptive ecosystem management to a common pool resource problem in a manner that addresses ecological, socioeconomic, and institutional contexts.

400812 Animal Systems

½ credit

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

Animal Systems is a semester-long high school course that provides students with a wealth of information on livestock-management practices, animal husbandry, physiological systems, the latest scientific trends, veterinary practice, and innovations in food production. Changes in practices, regulations, and legislation for animal welfare continue as new research provides solutions to medical, ethical, and practical concerns. The course reviews current topics, such as advancements in technology and research, and defines areas of discussion while maintaining focus on best-management practices. A student might use the knowledge gained from the course to further an interest in becoming a chef, researcher, doctor, wildlife-management professional, or any number of applicable careers.

500704/5H Art History A/B

1 credit

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

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

320103 Career Elective**½ credit**

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

Explore a career of interest from a list of Edgenuity electives.

149900 Engineering and Design**½ credit**

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

This semester-long course focuses on building real-world problem solving and critical thinking skills as students learn how to innovate and design new products and improve existing products. Students are introduced to the engineering design process to build new products and to the reverse engineering process, which enables engineers to adjust any existing product. Students identify how engineering and design have a direct impact on the sustainability of our environment and the greening of our economy. Finally, students incorporate the engineering design process, environmental life cycle, and green engineering principles to create a decision matrix to learn how to solve environmental issues.

260136 Forensics: Using Science to Solve a Mystery**½ credit**

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

Forensics: Using Science to Solve a Mystery is a semester-long high school course that overviews modern-day forensic science careers at work using science concepts to collect and analyze evidence and link evidence to the crime and suspects in order to present admissible evidence in courts of law. Projects in this course include simulated crime-scene investigation, actual DNA separation, development of a cybersecurity plan, and the identification of specific forensic skills used during the course of a very large murder case. The focus of this course is to assist students in making career choices. The overview of careers includes job descriptions and availability, educational and training requirements, licensing and certification, and typical annual salaries. Students who take this class will become equipped to make more informed career choices regarding the forensic, computer science and medical science fields. At the same time, students will survey the history and scope of present-day forensic science work.

330143 Intro to STEM**½ credit**

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

This semester-long course introduces students to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM. Students are

introduced to the history, fundamental principles, applications, processes, and concepts of STEM. Students are exposed to several computer applications used to analyze and present technical or scientific information. Finally, students explore the kinds of strategies frequently used to solve problems in these disciplines. Throughout the course, students discover their strengths through practical applications and awareness of the various STEM careers.

360173 Lifetime Fitness ½ credit

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

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Throughout this one-semester course, students assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

260749 Human Growth and Development ½ credit

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

This semester-long course focuses on human growth and development over the lifespan, as well as careers that help people deal with various physical, intellectual, and socioemotional issues, such as physicians, nurses, nutritionists, substance abuse counselors, clergy, teachers, career counselors, psychologists, and psychiatrists. The course provides a background in human growth and development from before birth, through childhood, into adulthood, and through death and grief. It gives the student perspective and highlights where people in the caring professions are most needed. Students who take this course will come away with a broad understanding of all the careers that help people from birth to death.

470613 Power, Structural, and Technical Systems ½ credit

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

This semester-length high school course provides students with an understanding of the field of agriculture power and introduces them to concepts associated with producing the food and fiber required to meet today's and tomorrow's needs. Students are given the opportunity to explore agriculture machinery, as well as structures and technological concepts. They also learn about the historical changes in agriculture and how agriculture has changed to meet the needs of the future world population. Students are introduced to machinery, structures, biotechnology, and ethical and professional standards applicable to agriculture power.

420111Y Psychology 1 credit

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

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

451121 Sociology

½ credit

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

Providing insight into the human dynamics of our diverse society, this is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.