

# MOUNTAIN VIEW HIGH SCHOOL CURRICULUM GUIDE

2021-2022



ART BY RACHEL POTTER

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# Mountain View High School

## 2021-2022 Curriculum Guide

<b>HOW TO USE THIS GUIDE .....</b>	<b>1</b>
Introduction.....	1
Course Offerings Explained .....	1
<b>INFORMATION AT A GLANCE.....</b>	<b>1</b>
Grades and GPA.....	1
Dropping a Class .....	2
Transcript/Academic Record .....	2
<b>MVHS PROGRAM AREAS .....</b>	<b>2</b>
Advanced Placement.....	2
Cadet Corps .....	3
Capstone Courses .....	4
Career and Technical Education (CTE).....	4
Early College Dual Credit Program.....	4
Expanded Options .....	7
<b>PLANNING FOR GRADUATION .....</b>	<b>7</b>
Graduation Requirements .....	7
Career Endorsements .....	9
<b>PLANNING FOR COLLEGE AND CAREER READINESS.....</b>	<b>9</b>
College Admissions Planning .....	9
College Athletic Eligibility .....	10
Military Careers .....	10
<b>RESOURCES .....</b>	<b>11</b>
College & Careers .....	11
Counseling Office.....	11
<b>COURSE OFFERINGS .....</b>	<b>12</b>
Core Subjects.....	12
<i>Language Arts.....</i>	<i>12</i>
<i>Mathematics.....</i>	<i>16</i>
<i>Science .....</i>	<i>21</i>
<i>Social Science.....</i>	<i>26</i>
Elective Subjects .....	30
<i>Agriculture Science Systems .....</i>	<i>30</i>
<i>Automotive Technology.....</i>	<i>33</i>
<i>Business .....</i>	<i>35</i>
<i>Cadet Corps.....</i>	<i>38</i>
<i>Computer Science .....</i>	<i>40</i>
<i>Culinary Arts .....</i>	<i>41</i>
<i>Fine Arts.....</i>	<i>43</i>
<i>Manufacturing &amp; Engineering Technology.....</i>	<i>46</i>
<i>Media Arts .....</i>	<i>50</i>
<i>PE &amp; Health.....</i>	<i>53</i>
<i>Performing Arts .....</i>	<i>56</i>
<i>World Languages.....</i>	<i>66</i>
<i>School-to-Career .....</i>	<i>70</i>
<i>Index of Courses.....</i>	<i>73</i>

## HOW TO USE THIS GUIDE

### Introduction

Mountain View High School (MVHS) offers a variety of courses that are educational, interesting, and practical. Use the information in this guide to design a schedule and an overall plan that will help you reach your goals during the next four years and beyond.

Each academic department at MVHS has provided a course progression chart for this guide. These charts are intended to give you a quick roadmap to see which courses to take from year to year. Additionally, you will notice courses are divided into two sections: [core](#) and [elective](#). All courses listed in this guide are dependent upon staffing availability and student interest level.

If you are viewing the 2020-2021 Curriculum Guide online, you will notice links throughout the document. Clicking a link will give you more in-depth information and/or resources to explore.

### Course Offerings Explained

As you look through the available courses at MVHS, you will notice certain designations beneath the course descriptions. These will give you important information about a course.

- [College credit](#): If a course can be taken for Oregon college credit, it will be noted, and you will see a link to the community college that may grant the credit. You will also see a note and link to learn more about fees that may be associated with taking the course for college credit.
- [Capstone courses](#): If a course is designated a capstone course, it will be noted, as will the grading scale.
- [Career Academies](#): If a course is required as part of a MVHS Career Academy, it will be noted.
- [Career-related Learning Experiences \(CRLEs\)](#): If a course can be counted toward Oregon's CRLE graduation requirement, it will be noted.

## INFORMATION AT A GLANCE

### Grades and GPA

#### Grading Scale

Your grade point average (GPA) is determined by adding all grade points earned and dividing by the number of credits attempted. Grades of Pass (P), Not Passed (NP), No Grade (NG), and Withdraw (W) have no point values and are not included in the GPA. The cumulative GPA is a total of all final grades you have earned in high school. Each grade is worth 0 to 4 points as follows:

A+, A, A-	=	4 points	P	=	0 grade points/credit/ <b>pass</b>
B+, B, B-	=	3 points	NP	=	0 grade points/no credit/ <b>no pass</b>
C+, C, C-	=	2 points	NG	=	0 grade points/ <b>no grade</b>
D+, D, D-	=	1 point	W	=	0 grade points/no credit/ <b>withdrawn</b>
F	=	0 points			

#### GPA and Eligibility

Your GPA is updated as any grade is recorded on your transcript. This GPA is used to determine sports or activities eligibility, but it is not the only factor—for instance, you must also be enrolled in (and passing) at least five classes. Be sure to check with the [MVHS Athletic Office](#) for all Oregon State Athletic Association (OSAA) and Bend-La Pine Schools athletic eligibility requirements.

### Class Weighting

Most classes are weighted equally when GPA is computed. Advanced Placement (AP) courses are weighted on a 5.0 scale, where A = 5.0, B = 4.0, etc., and will be reflected in your **weighted** cumulative GPA. Your **unweighted** GPA will reflect the standard four-point scale for each of these courses. You can find both your weighted and unweighted cumulative GPA on your [transcript](#).

### Student Class Rank

Class rank is determined by the cumulative GPA from ninth grade through the most recent semester grading period. Total class enrollment is used in computing the class rank. You can find class rank on your [transcript](#).

## Dropping a Class

You are allowed to withdraw from a course within the first 10 days of a term without grade responsibility. After the first 10 days of a term, withdrawing from a course with grade responsibility ("Drop F") will be considered after consulting with your teacher, parent/guardian, and counselor. Be aware that a Drop F will result in an F being recorded on your transcript. If you wish to drop a course with a grade of "W" instead of an "F" after the first 10 days of a term, make an appointment with your counselor to discuss the extenuating circumstances that affect your ability to pass the class. Please refer to Bend-La Pine Schools Administrative Regulation IKA-AR, [Grades and Credit](#), for the full text of the district policy regarding dropped classes.

Once you have selected a set of courses, you are expected to remain in them for the duration of the class term. That means you want to choose the right classes for you. Be sure to carefully read all [class descriptions](#) in this guide, and ask your parent or guardian, teachers, and counselor about anything you don't understand.

## Transcript/Academic Record

A transcript is the official record of your achievement in high school. It is a legal document that includes GPA, class rank, and final grades for all courses you have taken for high school credit. All colleges and most scholarship programs require a transcript. Many employers also require a transcript.

You can view your high school course history at any time using [StudentVUE](#). This will give you a quick look at the courses you have completed, your GPA, and your remaining graduation requirements. Parents can also view course history using [ParentVUE](#). (To create a new ParentVUE account, please contact the main office at 541.355.4400.)

## MVHS PROGRAM AREAS

### Advanced Placement

Mountain View offers more than 20 different [Advanced Placement \(AP\)](#) courses. These classes are college-level courses. If you take an AP course, you will be expected to work at the level of a college freshman.

All AP courses are graded on a 5.0-point scale. Students who take AP courses are eligible to take AP exams in the applicable subject areas. If you earn the required score on an AP exam, your chosen college or university may grant you the equivalent of credit for a college course. The granting college or university determines the amount of college credit granted, and not all colleges award credit for AP courses. College Board, the organization that develops AP exams and administers them nationally, offers an [AP Credit Policy Search](#) tool to help you find specific colleges' AP credit policies.

### *AP Scholar Awards*

You may be recognized for challenging yourself with rigorous coursework through participation in the [AP Scholar Awards](#) program. Students earn this distinction by demonstrating college-level achievement through AP courses and exams. If you are recognized as an AP Scholar, you will receive an award certificate, and your achievement will be acknowledged on AP score reports sent to colleges in the fall after you take your exams.

### *Advanced Placement International Diploma (APID)*

If you want to challenge yourself and gain a broader world view, you may become an AP International Diploma (APID) candidate. As explained by College Board,

**The Advanced Placement International Diploma (APID)** is a prestigious award that recognizes exceptional achievement on AP exams across several disciplines....The APID is not a substitute for a high school diploma, but rather provides additional certification of outstanding academic excellence.

Admissions offices at many international universities recognize the APID. College Board's [AP Around the World](#) page links to a current list of universities outside the U.S. that acknowledge AP achievement.

To earn the APID distinction, you must:

- Designate on at least one exam that your score(s) should be sent to an international university
- Earn scores of three or higher in the following areas:
  - Two AP exams from two different languages, one of which is English
  - One AP exam from World History, Human Geography, Government, and Politics: Comparative
  - One AP exam in Science or Math
  - One or two AP exams from any content area except English and World Languages

For complete information about the APID, visit College Board's [Study Abroad](#) page.

## **Cadet Corps**

Navy Junior Reserve Officers Training Corps (NJROTC) [Cadet Corps](#) at MVHS teaches you the skills and tools you need to succeed in school and in life. Through classroom learning and extracurricular activities, you will develop your leadership potential, increase your physical fitness, learn about history and government, and much more. As an NJROTC Cadet, you will have the opportunity to participate in community service, monthly social events, and competitive teams.

Cadets who complete two years of Cadet Corps classes and meet certain admission requirements are eligible for nomination to U.S. service academies for continuing education after high school. Cadets who choose to enlist in a branch of the military may enter at a higher rank and salary after completing two or more years in the Cadet Corps. Cadet Corps at MVHS will help you develop as a student and as a citizen, regardless of whether your future plans include military service.

## Capstone Courses

If you wish to earn an Honors Diploma, you must take five capstone courses, three of which must be [AP](#) or International Baccalaureate (IB). Mountain View offers the following capstone courses. All courses listed below are graded on a weighted [5.0-point scale](#) unless denoted by an asterisk (\*).

- AP Art History
- AP Art Studio
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Capstone Research
- AP Chemistry
- AP Computer Science and Engineering
- AP European History
- AP Human Geography
- AP Language and Composition
- AP Lit and Comp: World
- AP Music Theory
- AP Physics 1
- AP Physics 2
- AP Psychology
- AP Seminar 11 & 12
- AP Spanish Language & Culture
- AP Statistics
- AP US Government and Politics
- AP US History
- Biomedical Foundations\*
- Human Anatomy/Physiology\*
- Narrative and Comp Studies\*
- Pre-Calculus\*
- WR121: English Composition\*
- WR122: English Composition\*

## Career and Technical Education (CTE)

Career and Technical Education (CTE) gives you skills and hands-on training in a wide variety of career fields. MVHS offers CTE courses in agriculture, automotive technology, business, computer science, culinary arts, manufacturing and engineering, and media arts. Take an elective in an area that sounds interesting, or immerse yourself in a CTE subject to prepare yourself for a career. Many of our CTE courses can be taken for college credit, and some program areas offer the opportunity to further challenge yourself by earning industry certifications and participating in competitions.

### Career Academies

[Career Academies](#) at MVHS provide a flexible and rewarding sequence of courses to help you set and achieve your educational and career goals. Each Career Academy includes required and suggested classes to help you create a four-year plan in an area of study that interests you.

Many courses at MVHS cross over between academies, making it possible for you to study in more than one Career Academy. Whether you focus on one or more academies, you'll be able to complete graduation requirements while exploring your interests and expanding the depth and breadth of your knowledge and skills.

## Early College Dual Credit Program

Mountain View offers all students an early college dual credit program that includes early college CTE courses and early college transfer courses. This exciting opportunity allows you to receive college credits while enrolled in high school courses. All dual credit courses are clearly marked in this guide's [course descriptions](#). Course fees vary from free to \$25 per college credit (regularly \$87 to \$109 per credit).

**Dual credit course offerings are subject to change.** The table on the following pages was reflective of dual credit courses at the time of publication. Please check with course teachers to determine whether the courses you want to take will be offered for dual credit.

<i>Central Oregon Community College (COCC): \$25 per COCC credit</i>				
Department	MVHS Course	COCC Course Number	COCC Course Title	College Credits
Culinary	Culinary Arts 3	BAK 101	Introduction to Baking & Pastry	4
		CUL 101	Introduction to Culinary	4
Health & Human Performance	Sports and Exercise Psychology	HHP 270	Sports & Exercise Psychology	3
Humanities	Narrative and Comp Studies	FA 101	Introduction to Film	4
	AP Lit and Comp: World	ENG 104	Introduction to Fiction: Literature	4
		ENG 106	Introduction to Fiction: Poetry	4
	AP Language and Composition	WR 121	Academic Composition	4
		WR 122	Argument, Research, and Multimodal Composition	4
	WR 121: English Composition	WR 121	Academic Composition	4
Mathematics	Pre-Calculus	MTH 111	College Algebra	4
		MTH 112	Trigonometry	4
	AP Calculus AB	MTH 251	Calculus I	4
		MTH 252	Calculus II	4
Manufacturing and Industrial Resources	AP Calculus BC	MTH 253	Calculus III	4
	Woodworking 2	MFG 101	Blueprint Reading	2
	Automotive Technology 3	AUT 107	Mechanical Systems I	3
Social Science	Criminal Justice	CJ 100	Survey of the Criminal Justice System	3
	Criminal Law	CJ 220	Intro to Substantive Law	3
	AP Psychology	PSY 201	Mind & Brain	4
		PSY 202	Mind & Society	4

<i>Chemeketa Community College (CCC): \$35 total per school year</i>				
Department	MVHS Course	CCC Course Number	CCC Course Title	College Credits
Geography	AP Human Geography	GEOG 106	Economic Geography	4
		GEOG 107	Cultural Geography	4



*Linn-Benton Community College (LBCC): Free*

**You must take course sequences as listed below in order to get college credit from LBCC.**

Department	MVHS Course	LBCC Course Number	LBCC Course Title	College Credits
Agriculture	1. Intro to Agriscience	ANS 121	Animal Science	4
	2. Intro to Animal Science			
	3. Pre-Veterinarian Medicine			
	1. Intro to Agriscience	AG 111	Computers in Agriculture	3
	2. Ag Leadership 1			
	1. Intro to Agriscience	CSS 200	Crops in Our Environment	3
	2. Natural Resources 1			
	3. Plant Science			
	1. Intro to Agriscience	CSS 205	Sustainable Ecosystems	4
	2. Natural Resources 1			
	3. Plant Science			
	1. Intro to Agriscience	HT 8.137	Plant Propagation	4
	2. Plant Science			

*Tillamook Bay Community College: Free*

Department	MVHS Course	TBCC Course Number	TBCC Course Title	College Credits
Agriculture and Natural Resources	Ag Leadership 1	LEAD 242	Personal Leadership Development	3
	Metals Technology 2	AG 221	Metals and Welding	3

*Lane Community College (LCC): Free*

Department	MVHS Course	LCC Course Number	LCC Course Title	College Credits
Art	Sculpture/Ceramics 1	ART 250	Ceramics – Hand Building	3
	Sculpture/Ceramics 2	ART 253	Ceramics – Intermediate	3

SAMPLE JUNIOR YEAR DUAL CREDIT COURSES		SAMPLE SENIOR YEAR DUAL CREDIT COURSES	
Pre-Calculus	8 credits	AP Calculus AB	8 credits
AP Language and Composition	8 credits	Criminal Justice	3 credits
AP Psychology	8 credits	WR 121 and WR 122	8 credits
Culinary Arts 3	8 credits	Sports and Exercise Psychology	3 credits
Sculpture/Ceramics 1 and 2	6 credits	Metals Technology 2	3 credits
TOTAL DUAL COLLEGE CREDITS: 63			
Savings of more than \$3,900 if attending community college		Savings of more than \$5,300 if attending OSU	



## Expanded Options

[Expanded Options](#) is a joint offering between Bend-La Pine Schools and Central Oregon Community College (COCC). This program allows you to take 100-level or higher college courses onsite (or online) through COCC on a seat-available basis. That means you can begin earning college credits while you are still a student at MVHS and apply your Expanded Options college coursework to your high school graduation requirements at no out-of-pocket cost.

To participate in Expanded Options, you must:

- Be enrolled in a Bend-La Pine Schools high school with junior or senior standing and be at least 16 years old at the time of enrollment or during the program;
- Have an educational learning plan based on post-secondary and career goals;
- Have neither successfully completed four years of high school nor received a high school diploma;
- Not be a foreign exchange student; and
- Apply to COCC and meet all prerequisites associated with the college-level course in which you want to enroll.

If you meet the above criteria and would like to participate in Expanded Options, you must complete the following steps:

1. Meet with your high school counselor **before March 1** and complete the Expanded Options Intent form. (You must notify the school district of your intent to participate in Expanded Options, and at what level you intend to participate, by March 1 in order to enroll in the program for the upcoming school year.)
2. Submit your completed Expanded Options Authorization form and an [application for admission](#) to COCC. After you apply, you will receive an email from COCC with instructions to [activate your student account](#).
3. Take the [placement test](#) at COCC.
4. [Register for your COCC class\(es\)](#) on your assigned registration date and time. You will do this for each quarter during which you plan to take Expanded Options courses.

For more information about Expanded Options, please refer to [Bend-La Pine Schools Administrative Regulation IGBHE-AR, Expanded Options Program](#) and explore COCC's [Expanded Options](#) page.

## PLANNING FOR GRADUATION

### Graduation Requirements

Most students at MVHS will graduate with an Academic Diploma or an Honors Diploma. Requirements for each diploma are listed below. In addition, each diploma requires you to demonstrate mastery of Oregon Essential Skills in reading, writing, and math; and to participate in career-related learning experiences (CRLEs). **Keep these requirements in mind as you plan your classes.** (Please note: Each semester-long course is worth one half (0.5) credit, and each yearlong course is generally worth one full (1.0) credit unless otherwise noted. Find more graduation information in [Bend-La Pine Schools Policy IKF-AR](#) and its associated [reference table](#).)

SUBJECT AREA	ACADEMIC DIPLOMA <i>Number of required credits</i>	HONORS DIPLOMA <i>Number of required credits</i>
<a href="#">English/Language Arts</a>	4	4
<a href="#">Math</a> *	3 Algebra 1 or higher	4 Algebra 1 or higher
<a href="#">Science</a> *	3	4
<a href="#">Social Sciences</a>	3	3
<a href="#">Health</a>	1	1
<a href="#">Physical Education</a>	1	1
Arts, <a href="#">CTE</a> , <a href="#">Second Language</a>	3	1 Arts/Career/Tech 2 Same second language
<a href="#">Electives</a>	8	7
<a href="#">Capstone Courses</a>	0	5 classes (3 must be AP/IB)
<b>TOTAL CREDITS</b>	<b>26</b>	<b>27</b>

\*Up to 1.0 math and/or science credit can be met with a district-approved cross-credit course. No district-approved math and science cross-credit course meets college admissions and [NCAA core subject area requirements](#). A district-approved cross-credit course can only be assigned to one diploma subject category.

SUBJECT AREA	ACADEMIC DIPLOMA	HONORS DIPLOMA
Education Plan & Profile	Required	Required
Career-Related Learning Experiences	Required	Required
Essential Skills Proficiencies	Reading, Writing, Math	Reading, Writing, Math

### Do You Need Additional Credits?

If you plan to attend college or pursue other advanced educational opportunities, you should consider challenging yourself during your high school career. This often means taking more than the minimum required courses. Talk to your counselor early about your post-high school goals and [plan your coursework](#) accordingly.

### Career-Related Learning

Oregon requires students to participate in career-related learning experiences (CRLEs) in order to be eligible to graduate. As a student at MVHS, you will work with your counselor to document 16 hours of CRLEs. This is easier than it may sound: There are many ways to meet your CRLE requirement, including work-based learning, service learning, field-based investigations, school-based learning, and technology-based learning. A wide variety of educational and extracurricular activities and experiences fall under these broad umbrellas.

### Essential Skills

In order to earn a high school diploma in Oregon, you must demonstrate mastery of Oregon's Essential Skills: reading, writing, and mathematics. You can meet some or all of your Essential Skills requirements by meeting certain scoring thresholds on the ACT Aspire interim and summative tests (9<sup>th</sup> grade), the PreACT (10<sup>th</sup> grade), the PSAT (10<sup>th</sup> and 11<sup>th</sup> grade), Oregon's Statewide Assessment/Smarter Balanced test (11<sup>th</sup> grade), and/or the SAT and ACT (11<sup>th</sup> and 12<sup>th</sup> grade). Additionally, students who take the GED test may meet the math Essential Skill requirement above a certain scoring threshold.

## Career Endorsements

You may choose to earn a Career Endorsement in a [Career Academy](#). A Career Endorsement shows you have successfully completed a focused study in a career-related field and automatically meets the state diploma requirements for personalized learning in the area of career exploration.

There are seven Career Academies at MVHS, each offering a variety of endorsement options. If you earn a Career Endorsement, you will be awarded a black (women) or red (men) cord to wear at graduation.

In order to be awarded a Career Endorsement from MVHS, you must:

- Complete the required courses
- Complete the required number of selective course credits
- Create and maintain an education plan and profile in your portfolio
- Demonstrate understanding of career-related learning standards (CRLS)
- Complete at least 16 hours of a career-related learning experience (CRLE)
- Complete an extended application reflection such as a paper, project, or presentation

To start planning your high school course of study in a Career Academy, refer to the [MVHS Career Academies guide](#). You may also find it helpful to schedule an appointment with your counselor prior to forecasting classes for next year to ensure you're on track to meet the requirements of your chosen Career Academy.

## PLANNING FOR COLLEGE AND CAREER READINESS

### College Admissions Planning

Mountain View is committed to preparing all students for further study after graduation. College admissions requirements vary greatly, particularly among private and out-of-state colleges and universities, so work closely with your counselor to plan your high school courses to meet the requirements of the school you would like to attend.

[MVHS College & Careers](#) is a valuable resource as you make your post-high school plans. Watch for college visits, scholarship and financial aid information, and other opportunities to move toward life after high school.

#### *Community College*

To enroll in a community college, you must have a high school diploma or General Educational Development (GED).

#### *Oregon Public Universities*

If you are planning to enter a four-year Oregon public university, you will need to meet the state's admission requirements. All Oregon public universities require high school graduation, SAT and/or ACT scores, and a transcript that demonstrates you have met certain [subject requirements](#). Each of Oregon's [seven public universities](#) also requires a certain minimum high school [GPA](#) for freshman admissions. Get specifics at [Oregon Goes to College](#).

#### *Private and Out-of-state Universities*

If you are planning to enter a four-year private university or an out-of-state public university, you will need to meet that specific college's admission requirements. Meet with [MVHS College & Careers](#) to start exploring next steps and make sure your high school coursework and [GPA](#) will meet the requirements of the college or university you hope to attend.

### *Missing Admissions Requirements?*

If your transcript indicates you are not on track to earn enough credits to satisfy your chosen college's admissions requirements, or if you have remaining testing requirements to meet, don't wait! Make an appointment to [meet with your counselor](#) right away to come up with a plan of action.

### *Trade Schools*

Perhaps you've decided to learn about a trade after high school. There are several trade schools in Oregon, and Oregon community colleges all offer certificates and two-year degrees in various trades. Stop by [MVHS College & Careers](#) to start planning for the education you'll need to enter your chosen trade.

## College Athletic Eligibility

### *NCAA Eligibility*

If you plan to play a sport at a National Collegiate Athletic Association (NCAA) college or university, you must graduate from high school, complete 16 [NCAA-approved core courses](#), earn a minimum of a 2.2 (for NCAA Division II) or 2.3 (for NCAA Division I) cumulative GPA in high school, and meet minimum ACT or SAT score requirements. Look for the "NCAA Approved" designation next to the course title in this curriculum guide to see which classes have been approved by the NCAA Clearinghouse. [Click here](#) for a quick visual guide to NCAA eligibility. You must create an account at the [NCAA Eligibility Center](#) in order to become an NCAA student-athlete.

### *NAIA Eligibility*

If you plan to play a sport at a National Association of Intercollegiate Athletics (NAIA) college or university, you must graduate from high school **and** meet any two of the following three criteria: achieve a 2.0 [cumulative GPA](#), graduate in the [top 50%](#) of your high school class, and/or achieve NAIA minimum scores on the ACT or SAT test. [Click here](#) for full NAIA eligibility information.

## Military Careers

Navy Junior Reserve Officers Training Corps (NJROTC) Cadet Corps classes at MVHS are taught by former military personnel and are open to all students. Cadets who complete two years of Cadet Corps classes and meet certain admission requirements are eligible for nomination to U.S. service academies for continuing education after high school. Cadets who choose to enlist in a branch of the military may enter at a higher rank and salary after completing two or more years in the Cadet Corps. If you are interested in a military career after high school, visit [MVHS College & Careers](#) to learn more about the available opportunities, or consider enrolling in [Cadet Corps classes](#) at MVHS.

## RESOURCES

### College & Careers

Whether you need assistance with career exploration or navigating the process of college admissions, you'll find help and guidance at [MVHS College & Careers](#). The College & Careers [ASPIRE](#) mentor program will match you with a trained adult mentor who will help you throughout the school year with college and career planning, college admissions, financial aid, internships and more.

The College & Careers center offers school credit for job experience, job shadows, career exploration rotations, and our cadet teaching program. Additional opportunities available through College & Careers include college and scholarship searches, career interest investigations, guided business tours, student job shadows, guest speakers, college visits, college/scholarship application and interview training, resume and letter writing assistance, service learning, mock interviews, military enlistment resources, and much more. Stop in at College & Careers in room A1 to find out about the wide variety of resources available to you!

### Counseling Office

Mountain View counselors are here to help you, whether that means assisting you with planning your courses and post-high school goals or sitting down with you to work through social or emotional challenges. As an MVHS student, you can make an appointment with your counselor by signing up in the counseling office.

In addition to working one-on-one with your counselor as needed, you can check the [MVHS Counseling site](#) for resources you'll need throughout high school. You'll find important dates—including class meetings, standardized tests, and other upcoming events—as well as important senior class news, graduation information, and much more.

## COURSE OFFERINGS

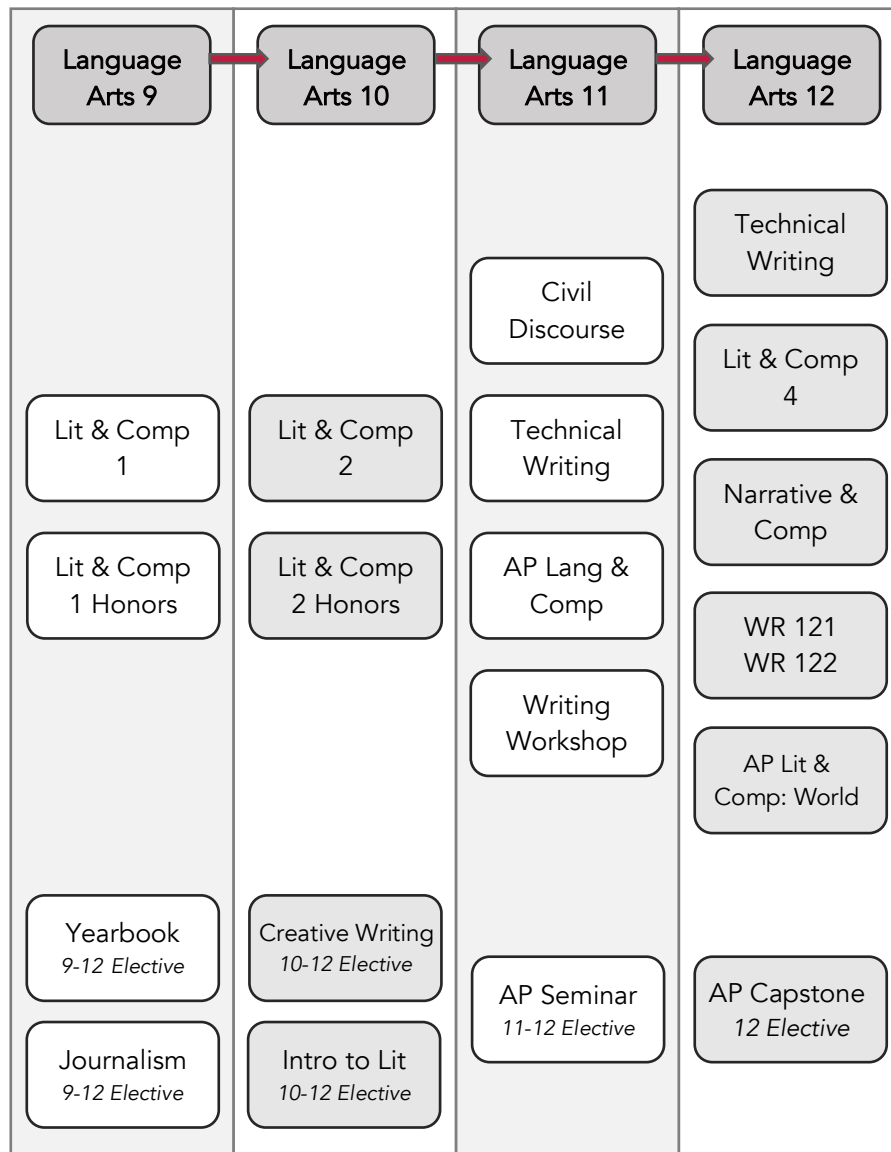
## Core Subjects

## Language Arts

You must earn four language arts credits to graduate. Work with your parent or guardian, teacher(s), and counselor to select classes that will meet your needs and prepare you to meet your future goals. Language arts classes at MVHS are generally based on grade level.

- **Honors, dual credit, and AP classes** may be appropriate if you are highly motivated and possess strong abilities in the subject area. These are rigorous classes, and both dual credit and [AP courses](#) include college-level work and expectations. Consider your past performance, interest level, and teacher recommendation before enrolling.
- **Standard classes** are appropriate for most students. These courses develop grade-level skills and understanding in the subject area.

## Language Arts Course Progression



**9<sup>th</sup> Grade Language Arts Courses**

**Literature and Composition 1 LA100SLA** Length: Year  
 Credit: 1.0  
 Prerequisite: None  
 NCAA Approved

This course examines the foundation of Western literature through the study of epic poetry, short stories, and drama. You will read relevant nonfiction works and develop skills in sentence structure, paragraphing, and correct grammar through writing assignments related to the literature and texts you study. Academic and text-specific vocabulary will be included. You will focus on developing strong processes for crafting writing in various essay structures, including expository, narrative, and argumentative.

**Literature and Comp. 1 Honors LA100HLA** Length: Year  
 Credit: 1.0  
 Prerequisite: Discuss expectations/rigor with English teacher  
 NCAA Approved

This course will be similar to Literature and Composition 1, with the addition of more challenging literature and a higher level of skill development. You will focus on developing strong processes for crafting writing in various essay structures, including expository, narrative, and argumentative.

**10<sup>th</sup> Grade Language Arts Courses**

**Literature and Composition 2 LA110SLA** Length: Year  
 Credit: 1.0  
 Prerequisite: Literature and Composition 1  
 NCAA Approved

You will explore perspectives on the human condition as presented in poetry, drama, essays, and novels. Together with your class, you will discuss what it means to be an American, examining literature through a social/historical lens. The majority of writing curriculum focuses on the art of argumentation; therefore, you will study rhetoric and compose a major argumentative research paper at the end of the year using multiple sources. Throughout the course, you will review grammar and vocabulary in order to strengthen your writing.

**Literature and Comp. 2 Honors LA110HLA** Length: Year  
 Credit: 1.0  
 Prerequisite: Literature and Composition 1; discuss expectations/rigor with English teacher  
 NCAA Approved

Literature and Composition 2 Honors is a rigorous course designed to prepare you for AP Language and Composition. You will explore perspectives on the human condition as presented in poetry, drama, essays, and novels. Together with your class, you will discuss what it means to be an American, examining literature through a social/historical lens. The majority of writing curriculum focuses on the art of argumentation; therefore, you will study several complex rhetorical texts. At the end of the year, you will research and compose a major argumentative paper using multiple sources. Throughout the course, you will review grammar and vocabulary in order to strengthen your writing.

**11<sup>th</sup> Grade Language Arts Course**

**Writing Workshop LA306SLA** Length: Year  
 Credit: 1.0  
 Prerequisite: Literature and Composition 2  
 NCAA Approved

This writing-intensive course is designed to develop and hone your nonfiction writing skills while preparing you for the rigor of college writing. We will spend a great deal of time exploring the elements of effective writing and analyzing the use of writing to expand creative and critical thinking skills. Throughout the course, you will write essays in various modes, many of which will involve multiple drafts. We will focus on all stages of the writing process, including composing, editing, drafting, revising, and peer editing. We will read and annotate the writing of others, so being an active and diligent reader will be a key to success in the course.



12<sup>th</sup> Grade Language Arts Courses**Literature and Composition 4 LA112SLA**

Length: Year

Credit: 1.0

NCAA Approved

Prerequisite: Writing Workshop

This course explores a wide variety of visual and written texts to broaden your literary landscape. You will work toward expanding your definition of "reading a text" and improving your ability to make connections across texts. You will read widely and deeply and will be asked to demonstrate your critical thinking through written assignments that seek to build on and expand the essay skills you developed in Writing Workshop.

**Narrative and Composition Studies LA502SLA**

Length: Year

Credit: 1.0

NCAA Approved  
Dual Credit Course

Prerequisite: Discuss expectations/rigor with English teacher

Focusing on 21<sup>st</sup> century literacy, this is a senior-level, writing-intensive course designed to explore the nature of story and how it is constructed, as well as its role in shaping the different forms of literature and art that dominate our lives. Its goal is enhancing your critical thinking and writing skills. You will examine fiction and nonfiction in a variety of media—primarily film, but also advertising, art, music, and literature—and learn to demonstrate your understanding through multiple formats. Narrative & Comp Studies is a college-prep course intended for students interested in developing varied critical analysis skills in the literary forms of the 21<sup>st</sup> century.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This **capstone course** is graded on a 4.0 scale.

**WR 121: English Composition LA330CLA1****WR 122: English Composition LA331CLA2**

Length: Year

**Grade: 12** (11<sup>th</sup> grade with instructor approval only)

Credit: 1.0

NCAA Approved  
Dual Credit Courses

Prerequisite: Discuss expectations/rigor with English teacher

**Writing 121/122** are advanced, college-level writing courses for dedicated students wishing to hone their writing skills and develop the critical reading and writing skills necessary for post-high school academic work. You will develop these skills through nonfiction readings and consistent, intensive writing. WR 121 focuses on rhetorical analysis and in-depth expository writing, while WR 122 deals with developing persuasive skills and effective written argumentation. Experience in previous advanced-level English classes is highly recommended but not essential. A COCC placement test may be an additional prerequisite.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- These **capstone courses** are graded on a 4.0 scale.

## AP Language Arts Courses

**AP Capstone Research MD357ALA**

Length: Year

**Grade: 12***(11<sup>th</sup> grade with AP Seminar teacher recommendation only)*

Credit: 1.0

Prerequisite: AP Seminar 11 and 12

The second course in the AP Capstone experience allows you to design, plan, and conduct a yearlong research-based investigation on a topic that interests you. Through this inquiry and investigation, you will demonstrate the ability to apply scholarly understanding to real-world problems and issues. You will further the skills you acquired in AP Seminar 11 and 12 by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information to build, present, and defend an argument.

- This **capstone course** is graded on a 5.0 scale.

**AP Language and Composition LA151ALA**

Length: Year

**Grade: 11**

NCAA Approved

Dual Credit Course

Credit: 1.0

Prerequisite: Discuss expectations/rigor with English teacher

AP Language and Composition is a writing-intensive, critical thinking course designed specifically for juniors. It focuses on nonfiction readings, and you can opt to [earn Writing 121/122 credit](#) from [Central Oregon Community College](#). This course is for dedicated students who wish to hone their writing skills and develop the critical reading and writing skills necessary for post-high school academic work. In the first semester of class, you will focus on rhetorical analysis and in-depth expository writing; in the second semester, you will develop persuasive skills and effective written argumentation. Experience in previous advanced-level English classes is recommended but not required.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Humanities* endorsement in the Renaissance Learning Career Academy.
- This **capstone course** is graded on a 5.0 scale.

**AP Literature and Comp: World LA153ALA**

Length: Year

**Grade: 12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: Discuss expectations/rigor with English teacher

Beginning with the earliest methodologies and moving into contemporary works, AP Lit and Comp: World will explore a variety of historical perspectives and literary styles. While reading and discussion will be the primary activities in this course, you will also learn to compose strong, college-level literary essays. Experience in previous advanced-level English classes is recommended but not required.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This **capstone course** is graded on a 5.0 scale.

**AP Seminar 11 and 12 MD356AELJ**

Length: Year

**Grades: 11-12**

\*This elective credit course DOES NOT fulfill English credit requirements.

Credit: 1.0

Prerequisite: None

Open to juniors and seniors, AP Seminar 11 and 12 is an elective course designed to help develop your critical thinking and inquiry skills. Using an inquiry framework, you will delve deeply into interesting, thought-provoking issues. Through reading and project-based learning, you will learn to craft arguments to support your point of view. This course will also support you as you investigate real-world topics of your choosing from multiple perspectives that are often different or competing. In addition, you will learn to collect and analyze information with accuracy and precision, develop arguments based on facts, and effectively communicate your point of view through writing, discussion, presentation, and debate.

- This **capstone course** is graded on a 5.0 scale.

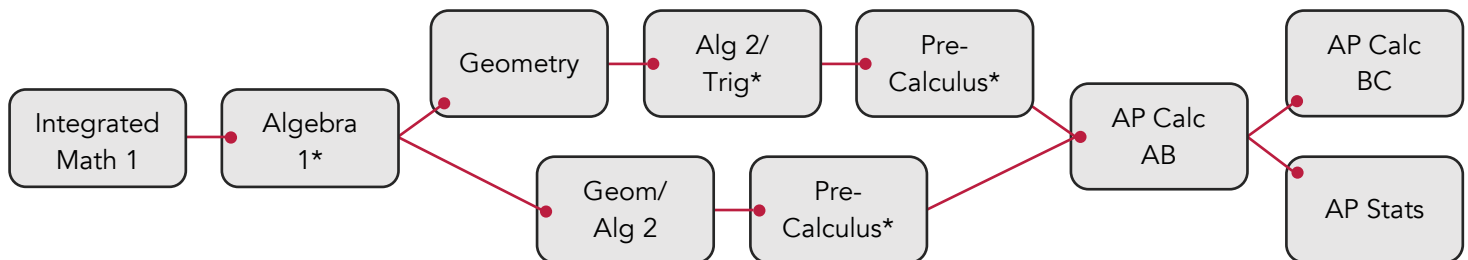
Other Language Arts Courses	
<p><b>Civil Discourse LA542SLA</b> Length: Year  <b>Grades: 11-12</b>            Credit: 1.0            Prerequisite: Literature and Composition 1 <i>and</i> Literature and Composition 2 <i>or</i> instructor placement</p> <p>In this course you will research relevant/current issues that apply to your life and that are important to you. You will use evidence from your research, in-class discussions, and overall reflections to navigate each topic in a controlled environment. You will practice the skill set of having respectful, open-minded conversations with others who have differing viewpoints.</p>	<p><b>Competitive Speech LA401SEL</b> Length: Year  <b>Grades: 10-12</b> *This elective credit course <b>DOES NOT</b> fulfill English credit requirements            Credit: 1.0            Prerequisite: English teacher recommendation</p> <p>This is an advanced-level speech course emphasizing student-directed focus, independent research projects, and teacher-guided revision and improvement. You will develop public speaking and debating skills and gain an in-depth understanding of your chosen topics. This course will give you the opportunity to complete writing work samples as needed.  <b>Please note: Attendance at some speech and debate tournaments is required.</b></p>
<p><b>Creative Writing LA304SEL9</b> Length: Semester  <b>Grades: 10-12</b> *This elective credit course <b>DOES NOT</b> fulfill English credit requirements            Credit: 0.5            Prerequisite: English teacher recommendation</p> <p>In Creative Writing, you will study and write in a variety of genres including short fiction, poetry, and drama/screenwriting. This course is designed for students who enjoy writing as an art form and as personal expression and who are interested in developing and honing their skills in these genres. You will develop these skills through reading samples of each genre and consistent writing, revising, and workshopping of your work.</p>	<p><b>Introduction to Literature LA508DEL9</b> Length: Semester  <b>Grades: 10-12</b> *This elective credit course <b>DOES NOT</b> fulfill English credit requirements            Credit: 0.5            Prerequisite: Librarian approval</p> <p>In this course you will read from a variety of formats and in different genres, reflecting upon themes presented in these works. Through discussions and written assignments, you will improve your vocabulary and critical thinking skills and gain greater insight into the function of literary fiction and nonfiction.</p>
<p><b>Journalism LA322SEL9</b> Length: Semester  <b>Grades: 9-12</b> *This elective credit course <b>DOES NOT</b> fulfill English credit requirements            Credit: 0.5            Prerequisite: None</p> <p>Learn about the law and ethics of journalism! We will learn interview techniques and how to write news, features, sports stories, and editorials. Learn how to take great photos and use them effectively. Learn brainstorming techniques, copy editing, layout, and publishing.</p>	<p><b>Technical Writing LA302SLA</b> Length: Year  <b>Grades: 11-12</b>            Credit: 1.0            Prerequisite: None</p> <p>Students can expect to complete real-world, career-related research, writing (resumes, cover letters, proposals, etc.), and project-based assignments and presentations. Throughout the course, you will be encouraged to pursue projects that align with your career-related interests.</p>

## Mathematics

You must earn three mathematics credits to graduate with an Oregon Standard or Academic Diploma; if you plan to earn an Honors Diploma or pursue college after high school, you should consider earning four mathematics credits. Work with your parent or guardian, teacher(s), and counselor to select classes that will meet your needs and prepare you to meet your future goals. Mathematics classes at MVHS follow the progression outlined on the next page, and placement is generally based on your performance in the previous year's mathematics course. **If you earned a grade of D or F in the previous year's mathematics course, you must repeat that course before advancing to the next course.**

- **Dual credit and AP classes** may be appropriate if you are highly motivated and possess strong abilities in the subject area. These are rigorous classes, and both dual credit and [AP courses](#) include college-level work and expectations. Please consider your past performance, interest level, test scores, and teacher recommendation before enrolling in an honors, dual credit, or AP course.
- **Standard classes** are appropriate for most students. These courses develop grade-level skills and understanding in the subject area.

### Mathematics Course Progression



#### \* Math Strategies

Courses marked with an asterisk (\*) above may be taken concurrently with a math strategies elective course. Math Strategies Algebra 1 and Math Strategies Pre-Calculus are year-long, one-credit elective classes; Math Strategies Algebra 2 is a year-long, half-credit elective course offered during one 7<sup>th</sup> period color day. Talk to your current math teacher to determine whether you should take a math strategies elective.

### Mathematics Courses

#### Integrated Math 1 MA101SMA

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: Middle school teacher placement or teacher recommendation

Integrated Math 1 will cover basic probability and statistics, writing and solving algebraic equations, algebra of a line, exponents, and scientific notation, and other topics. You must attempt at least two of three math work samples (algebraic relationships, geometry, or probability and statistics) to earn a grade of C- or higher in this course.

#### Algebra 1 MA231SMA

Length: Year

**Grades: 9-12**

Credit: 1.0

NCAA Approved

Prerequisite: Grade of C- or higher in Integrated Math 1 or middle school teacher placement or teacher recommendation

This course introduces the language of algebra. You will learn to solve equations, systems of equations, and quadratic equations. Geometry, probability, and statistics concepts will be incorporated into the problems throughout the year, so you will need some knowledge of those concepts to enroll in this course. In order to be successful in Algebra 1, you must be well versed in fraction, decimal, percent, and signed number calculation. You must pass one math work sample (algebraic relationships, geometry, or statistics and probability) to earn a C- or higher in this course.

Mathematics Courses (continued)			
<b>Geometry MA240SMA</b> Length: Year <b>Grades: 9-12</b> Credit: 1.0 Prerequisite: Grade of C- or higher in Algebra 1 <hr/> This course focuses on the properties of figures, their relationship to the real world, and logical reasoning. You will learn about deductive and inductive reasoning, volume, surface area, trigonometry, geometric probability, and other topics. You must pass two out of three math samples (algebraic relationships, geometry, or statistics and probability) to earn a grade of C- or higher in this course. <b>Please note: 9<sup>th</sup> graders who take Geometry will also take a semester of Algebra 1 (MA231SMA2) if they did not take it in 8<sup>th</sup> grade.</b>		<b>Geometry/Algebra 2 MA214SMA</b> Length: Year <b>Grades: 9-10</b> Credit: 1.0 Prerequisite: Grade of C- or higher in Geometry and Algebra 1 or teacher recommendation <hr/> This course will condense all major Geometry and Algebra 2 topics into one year. Geometry topics covered will include congruency, similarity, reasoning, volume, surface area, and right triangle trigonometry. Algebra 2 topics covered will include functions (linear, quadratic, exponential, and logarithmic), rational expressions, exponent rules, and trigonometry on the unit circle.	
<b>Algebra 2/Trigonometry MA250SMA</b> Length: Year <b>Grades: Generally 10-12</b> (may be appropriate for a small number of 9 <sup>th</sup> graders on a case-by-case basis, based their 8 <sup>th</sup> grade Geometry class performance and teacher recommendation) Credit: 1.0 Prerequisite: Grade of C- or higher in Geometry <hr/> Algebra 2/Trigonometry is an intermediate algebra course designed to thoroughly prepare students to enter college-level mathematics. This course will cover solving linear and non-linear equations, systems of equations, exponential and logarithmic functions, trigonometric functions and identities, modeling with equations, and writing programs, along with a much more detailed study of probability and statistics than in previous courses. Graphing calculators will be incorporated throughout this course. You must pass the math multiple choice test and math work samples (algebraic relationships, geometry, or statistics and probability) to earn a C- or higher in this course.		<b>Pre-Calculus MA330SMA</b> Length: Year <b>Grades: 10-12</b> Credit: 1.0 Prerequisite: Grade of C- or higher in Algebra 2/Trigonometry <hr/> This course is designed to prepare you for college or technical school mathematics. Content centers around the concept of function and includes such topics as analytical geometry, exponential and logarithmic functions, polynomials, algebraic and explicit functions, composite functions, trigonometric functions, analytic trigonometry, mathematical induction, sequences and series, matrices, parametric equations, vectors, planes and lines, polar coordinates, and probability. Project-based learning is incorporated. You must pass the math multiple choice test and the two required math work samples (algebraic relationships, geometry, or statistics and probability) to earn a grade of C- or higher in this class. <ul style="list-style-type: none"> <li>• Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.</li> <li>• This course is required for the <i>Mathematics</i> and <i>Science</i> endorsements in the Renaissance Learning Career Academy.</li> <li>• This <b>capstone course</b> is graded on a 4.0 scale.</li> </ul>	

## Math Strategies Elective Courses

**Math Strategies Algebra 1 MA207SELA1** Length: Year  
**Grades: 9-12** \*This elective credit course DOES NOT  
 fulfill math credit requirements. It is  
 Credit: 1.0 designed to be taken alongside Algebra 1.  
 Prerequisite: Must also enroll in Algebra 1

If you could use some extra help with Algebra 1 next year, your current math teacher may recommend Math Strategies Algebra 1 on your forecasting sheet. This course will give you extra practice with the topics and problems you're learning in Algebra 1. Math Strategies Algebra 1 is designed to be taken along with Algebra 1, not in place of Algebra 1. Math Strategies Algebra 1 is a yearlong, one-credit elective class graded on a Pass/No Pass scale.

**Math Strategies Algebra 2 MA207SELA2** Length: Year  
**Grades: 9-12** \*This elective credit course DOES NOT  
 fulfill math credit requirements. It is  
 Credit: 0.5 designed to be taken alongside Algebra 2.  
 Prerequisite: Must also enroll in Algebra 2/Trigonometry

If you could use some extra help with Algebra 2/Trigonometry next year, your current math teacher may recommend Math Strategies Algebra 2 on your forecasting sheet. This course will give you extra practice with the topics and problems you're learning in Algebra 2. Math Strategies Algebra 2 is designed to be taken along with Algebra 2, not in place of Algebra 2. Math Strategies Algebra 2 is a yearlong, half-credit elective class, graded on a Pass/No Pass scale; it will be held on one 7<sup>th</sup> period color day.

**Math Strategies Pre-Calculus MA207SELPC**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Must also enroll in Pre-Calculus

\*This elective credit course DOES NOT fulfill math credit requirements. It is designed to be taken alongside Pre-Calculus.

If you could use some extra help with Pre-Calculus next year, your current math teacher may recommend Math Strategies Pre-Calculus on your forecasting sheet. This course will give you extra instructional time with the topics and problems you're learning in your primary Pre-Calculus course. Math Strategies Pre-Calculus is designed to be taken along with Pre-Calculus, not in place of Pre-Calculus. Math Strategies Pre-Calculus is a yearlong, one-credit elective class graded on a Pass/No Pass scale.

## AP Math Courses

**AP Calculus AB MA338AMA**

Length: Year

**Grades: 11-12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: grade of C- or higher in Pre-Calculus or instructor approval.

This course is designed to review and study in further depth areas previously covered and then to introduce you to topics in calculus. This will include trigonometry, graphing, functions, logarithms and exponents, limits, derivatives, and integrals. A major emphasis will be on applications of calculus to other areas of study.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This **capstone course** is graded on a 5.0 scale.

**AP Calculus BC MA339AMA**

Length: Year

**Grade: 12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: C- or higher in AP Calculus AB or instructor approval.

AP Calculus BC will introduce additional calculus concepts for science, mathematics, and engineering students. Topics include parametric and polar functions, infinite sequences, infinite series, Maclaurin and Taylor series and polynomials, vectors and their applications, solving linear systems, determinants of matrices, linear dependence and independence of vectors, linear transformations, and eigenvalues of eigenvectors.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This **capstone course** is graded on a 5.0 scale.

*AP Math Courses (continued)***AP Statistics MA351AMA**

Length: Year

**Grade: 12**

Credit: 1.0

NCAA Approved

Prerequisite: Grade of C- or higher in Pre-Calculus or instructor approval. Must have met all math requirements.

This college-level introductory course in statistics is designed to prepare you for the AP Statistics Exam. The course covers four main topics: exploring data, planning studies, probability theory, and inferential reasoning. Some activities and assignments are designed for developing concepts and understanding, while others focus on improving the way you communicate statistical knowledge. You will frequently work on projects involving hands-on gathering and analysis of real-world data, using both a graphing calculator and personal computer for analysis.

- This **capstone course** is graded on a 5.0 scale.



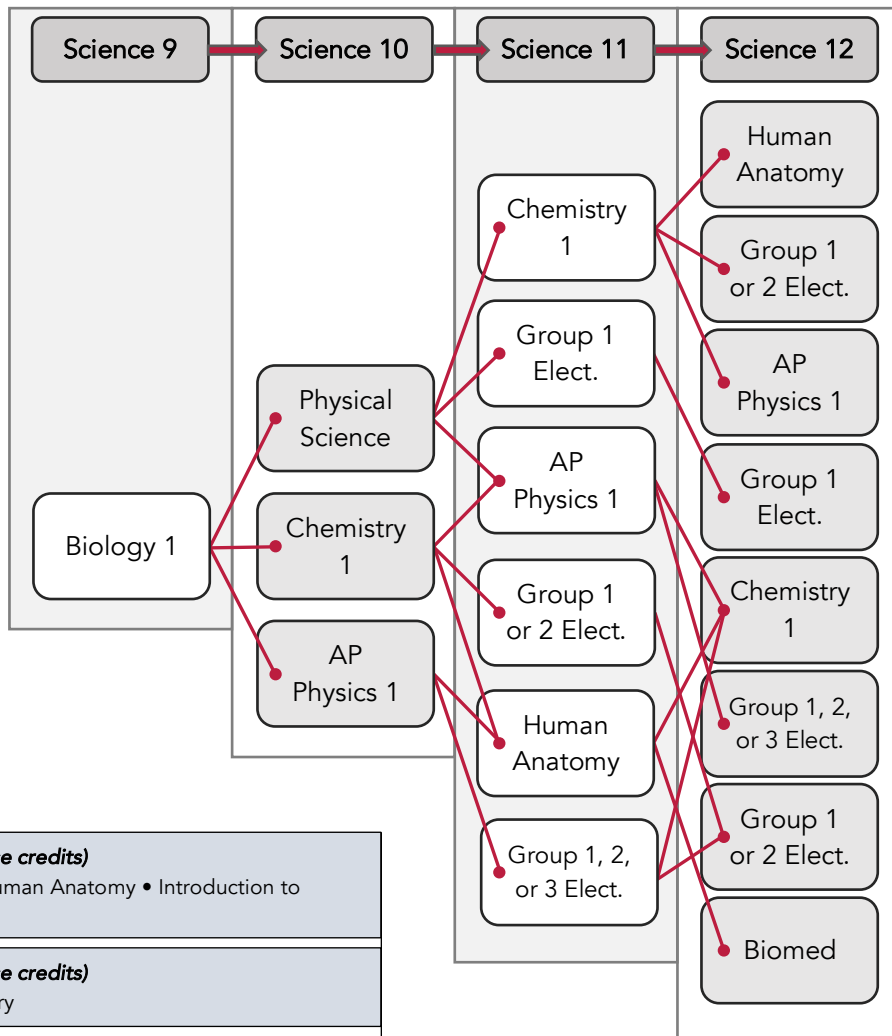
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## Science

You must earn three science credits to graduate with an Oregon Standard or Academic Diploma; if you plan to earn an Honors Diploma or pursue college after high school, you should consider earning four science credits. Work with your parent or guardian, teacher(s), and counselor to select classes that will meet your needs and prepare you to meet your future goals. Science classes at MVHS follow the progression outlined below.

- **Dual credit and AP classes** may be appropriate if you are highly motivated and possess strong abilities in the subject area. These are rigorous classes, and both dual credit and [AP courses](#) include college-level work and expectations. Please consider your past performance, interest level, test scores, and teacher recommendation before enrolling in an honors, dual credit, or AP course.
- **Standard classes** are appropriate for most students. These courses develop grade-level skills and understanding in the subject area.

### Science Course Progression



#### Group 1 Electives (science credits)

Earth/Space Science • Human Anatomy • Introduction to Engineering • Zoology

#### Group 2 Electives (science credits)

AP Biology • AP Chemistry

#### Group 3 Elective (science credits)

AP Physics 2

## Science Courses

**Biology 1 SC204SSC**

Length: Year

**Grade: 9**

NCAA Approved

Credit: 1.0

Prerequisite: None

Biology, the study of living things, is an overview of the common characteristics and processes of living organisms. This is a rigorous academic lab course designed to provide a solid foundation in the life sciences. We will use our global community to explore sustainability issues. Units of study will include cells, genetics, and biodiversity.

**Chemistry 1 SC411SSC**

Length: Year

**Grades: 10-12**

NCAA Approved

Credit: 1.0

Prerequisite: Mathematical skills equivalent to Algebra 2 (may be taken concurrently) or teacher recommendation

Chemistry deals with the substances that make up our environment and the changes those substances undergo. This course emphasizes modern theories and principles of chemistry, with an emphasis on laboratory activities. Chemistry is specifically designed for the college-bound student.

- This course is required for the *Mathematics* and *Science* endorsements in the Renaissance Learning Career Academy.

**Biomedical Foundations SC230SSC**

Length: Year

**Grades: 11-12**

Credit: 1.0

Prerequisite: Chemistry and Human Anatomy/Physiology (may be taken concurrently), application, **and** instructor approval

This course is designed for students who are interested in pursuing careers in the allied health services profession. You will gain a realistic perspective on health occupations and learn foundational information related to health care careers, including health care systems, health care career exploration, medical ethics, medical terminology, basic first aid, and CPR. You will be required to participate in community-based learning experiences such as clinical rotations at St. Charles Health System and/or at private health care facilities. Participation in clinical rotations is dependent upon attendance and successful completion of the mandatory St. Charles orientation. You will also be required to complete a course notebook and a presentation related to a health care career of your choice. You must be highly motivated, responsible, respectful, and dependable to be successful in this course; a yearlong commitment is required, and half credit will not be awarded. **Please note: You must provide your own transportation to and from your clinical rotation. This course requires an application.**

- This course is required for the *Health Occupations* and *Mental Health* endorsements in the Health Services Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.
- This **capstone course** is graded on a 4.0 scale.

## Science Courses (continued)

**Earth/Space Science SC300SSC**

Length: Year

**Grades: 11-12**

Credit: 1.0

Prerequisite: Physical Science or Chemistry 1

This laboratory and field-based course will introduce you to concepts as grand as the structure of the universe and as fundamental as local weather and environmental issues. Areas of study will include astronomy, geology, meteorology, volcanology, seismology, climatology, hydrology, and others. Learn by participating in labs, lecture, internet assignments, and field trips.

**Human Anatomy/Physiology SC220SSC**

Length: Year

**Grades: 10-12**

NCAA Approved

Credit: 1.0

Prerequisite: Grade of C or higher in Biology 1 and Chemistry 1 or instructor approval; Chemistry may be taken concurrently

Designed for students who are considering a career in medicine, nursing, physical therapy, or other biological or health sciences, Human Anatomy/Physiology focuses on the structure and function of the human body and its systems, beginning with an overview of the language of anatomy, organ systems, and cellular structure. The laboratory segment will facilitate a multimedia and hands-on approach to specific body structures. **Please note: Dissection of laboratory specimens is mandatory.**

- This course is required for the *Health Care Giver*, *Health Occupations*, and *Sports Medicine* endorsements in the Health Services Career Academy.
- This **capstone course** is graded on a 4.0 scale.

**Introduction to Engineering AA300SSC**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Prerequisite: None

In this course you will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Working individually and in teams, you will design solutions to a variety of problems using 3D modeling software and documenting your work in an engineering notebook. You will be encouraged to think creatively as you work on a variety of projects using real-world engineering practices to accomplish your goals. *This course follows the [Project Lead the Way](#) curriculum. Please note: 9<sup>th</sup> graders may take Introduction to Engineering as an elective in addition to Biology 1, not in place of Biology 1.*

- This course is required for the *Pre-Engineering* and *Robotics* endorsements in the Industrial & Engineering Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Natural Resources 1 SC260SSC**

Length: Year

**Grades: 10-12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: None

If you're interested in pursuing a career in a field related to natural resources or environmental science, this course is for you. We'll find out what natural resources are and study various scientific topics, including human impacts on the planet, energy sources, physical geography and geology, ecology, soils, watersheds and riparian areas, the atmosphere, botany, forestry, fisheries, and wildlife. You will gain career-related skills in teamwork, personal management, problem solving, and communication related to natural resources industries. Career development will also be an integral part of the course via research projects, guest speakers, and possible job shadows or internships. To succeed in this course, you'll need to be self-motivated, responsible, able to work independently, and provide your own transportation. **Please note: You may be required to participate in activities outside of school hours.**

- **Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.**
- Course is required for the *Natural Resources* endorsement in the Agriculture Science Systems Career Academy.

Science Courses (continued)	
<p><b>Physical Science SC400SSC</b> Length: Year</p> <p><b>Grades: 10-12</b> NCAA Approved</p> <p>Credit: 1.0</p> <p>Prerequisite: Biology 1</p> <p>This course will cover a variety of topics in physics, chemistry, and earth science. You will develop a deep conceptual understanding of these topics and will be prepared to continue on in science at MVHS, including higher-level chemistry and physics.</p>	<p><b>Zoology SC618SSC</b> Length: Year</p> <p><b>Grades: 11-12</b> NCAA Approved</p> <p>Credit: 1.0</p> <p>Prerequisite: Biology 1</p> <p>Zoology is the study of animal life. In this course, you will learn about animal classification, physiology, and behavior, with an emphasis on evolution. You will study local wildlife and create conservation projects. This course is designed for students who have an interest in the living world.</p>
AP Science Courses	
<p><b>AP Biology SC206ASC</b> Length: Year</p> <p><b>Grades: 10-12</b> NCAA Approved</p> <p>Credit: 1.0</p> <p>Prerequisite: Chemistry 1 (may be taken concurrently) <b>and</b> instructor approval</p> <p>This course is designed to meet the requirements of a year-long, 200-level general college biology course. The curriculum is rigorous; the material covered is extensive. You will do extensive college-level lab work and associated write-ups. <b>This course is for students who have the ability and motivation to do college-level work.</b> The grade you earn on the optional AP Biology Exam determines whether you may receive college credits from cooperating colleges and universities. This is a challenging but rewarding course designed to prepare you for becoming a science major in college.</p> <ul style="list-style-type: none"> <li>This <b>capstone course</b> is graded on a 5.0 scale.</li> </ul>	<p><b>AP Chemistry SC413ASC</b> Length: Year</p> <p><b>Grades: 11-12</b> NCAA Approved</p> <p>Credit: 1.0</p> <p>Prerequisite: Chemistry 1 <b>and</b> instructor approval</p> <p>AP Chemistry is a rigorous course designed to meet the requirements of a college freshman-level chemistry course. The grade you earn on the optional AP Chemistry Exam in May determines whether you may receive 15 college credits from cooperating colleges and universities. <b>Please note: Time outside of normal class hours may be needed to complete labs.</b></p> <ul style="list-style-type: none"> <li>This <b>capstone course</b> is graded on a 5.0 scale.</li> </ul>

## AP Science Courses (continued)

**AP Physics 1 SC513ASC**

Length: Year

**Grades: 10-12**

NCAA Approved

Credit: 1.0

Prerequisite: Algebra 2 or instructor approval

AP Physics 1 will study the laws of nature in the mechanical universe as well as the electrical, magnetic and thermal behavior of particles. This course is perfect for the inquisitive person who wonders how the world works. Mathematical equations are used in such a way that the solutions will predict the way nature behaves. Laboratory work and homework are intended to emphasize these ideas. Group work, individual projects, inquiry-based problem solving, and design problems are integral parts of this course. AP Physics 1 will prepare you for the AP Physics Exam A as well as for a freshman physics course in college. It is also an excellent comprehensive course for those who are not interested in pursuing science in college but who would like to improve their critical thinking and problem-solving skills.

- This course is required for the *Pre-Engineering* and *Robotics* endorsements in the Industrial & Engineering Career Academy and for the *Mathematics* and *Science* endorsements in the Renaissance Learning Career Academy.
- This **capstone course** is graded on a 5.0 scale.

**AP Physics 2 SC514ASC**

Length: Year

**Grades: 11-12**

NCAA Approved

Credit: 1.0

Prerequisite: AP Physics 1 **and** instructor approval

In this college prep math-oriented class for the physics enthusiast, we will study waves and optics, the nature of light, quantum physics, astrophysics, relativity, and the fate of the universe. AP Physics 2 will prepare you for the AP Physics Exam B.

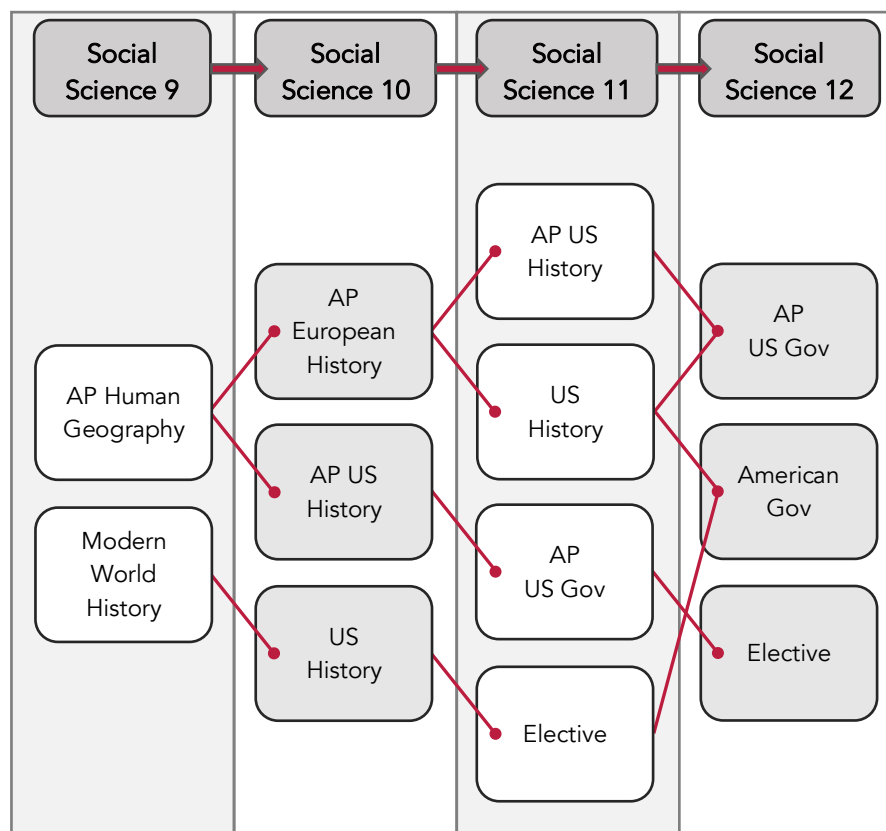
- This **capstone course** is graded on a 5.0 scale.

### Social Science

You must earn three social science credits to graduate with an Oregon Standard, Academic, or Honors Diploma. Work with your parent or guardian, teacher(s), and counselor to select classes that will meet your needs and prepare you to meet your future goals. Social science classes at MVHS follow the progression outlined below.

- **Dual credit and AP classes** may be appropriate if you are highly motivated and possess strong abilities in the subject area. These are rigorous classes, and **both dual credit and AP courses include college-level work and expectations**. Please consider your past performance, interest level, test scores, and teacher recommendation before enrolling in an honors, dual credit, or AP course.
- **Standard classes** are appropriate for most students. These courses develop grade-level skills and understanding in the subject area.

### Social Science Course Progression



#### Social Studies Electives

AP Psychology • Criminal Law • Criminal Justice • Law 1 • Psychology 1

## Social Science Courses

**American Government SS110SGV9**

Length: Semester

**Grade: 12**

NCAA Approved

Credit: 0.5

Prerequisite: None

This **required senior course** offers insight into the foundations and processes of American government. You will explore the development of our current political system, the three major branches of government, and the role you play as an American citizen. With an emphasis on the function of government organizations and agencies at the local, state, and national levels, this course will analyze contemporary political issues. You will be introduced to the process of legislation and the impact of modern media on voters.

**Criminal Law SS307SSS9**

Length: Semester

**Grades: 11-12**

NCAA Approved

Credit: 0.5

Dual Credit Course

Prerequisite: None

This course examines the basic concepts of substantive law and criminal law. We will explore effects of the law through topics such as crimes involving property, fraud and deception, or against personas, state and public order. You will also get hands-on experience in class mock trials.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Criminal Justice* endorsement in the Human Resources Career Academy.

**Criminal Justice SS141SSS9**

Length: Semester

**Grades: 11-12**

NCAA Approved

Credit: 0.5

Dual Credit Course

Prerequisite: None

This course is designed to provide quality, comprehensive, and realistic education in criminal justice, law, and criminal procedures and techniques. You will receive comprehensive instruction on the criminal system, the Constitution, statutory laws, and law enforcement procedures and techniques. This course will promote a collaborative partnership between law enforcement and the schools and give you an insight into the criminal justice system as a career choice. Along with classroom instruction, we will have guest speakers, field trips, and practical exercises. **Please note: You must provide your own transportation to and from the required job shadows.**

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Criminal Justice* endorsement in the Human Resources Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) requirement in this class.

**Law 1 SS142SSS9**

Length: Semester

**Grades: 10-12**

NCAA Approved

Credit: 0.5

Prerequisite: None

This course is a study of practical law as it applies to our legal system. With special emphasis on criminal justice, search and seizure laws, the courts, jury duty, juvenile and civil law and Oregon law, you will be exposed to the legal aspects of the Constitution and to the legal rights of every citizen. We will also devote time to the study of the functions of judges, lawyers, bailiffs, and other legal personnel. Throughout the course, you will be encouraged to understand your position in regard to the law.

- This course is required for the *Criminal Justice* endorsement in the Human Resources Career Academy.



## Social Science Courses (continued)

**Modern World History ss100SWS**

Length: Year

**Grade: 9**

NCAA Approved

Credit: 1.0

Prerequisite: None

This class is designed to introduce you to the economic development of Western Europe during the 19<sup>th</sup> and 20<sup>th</sup> centuries. Primary topics will include the rise of industry, military expansion, and subsequent imperialistic efforts that changed the world. We will also examine economic growth, social development, and the rise of world superpowers. You will explore the events that led to both World Wars and the Cold War, as well as the social revolutions of India, China, and Russia.

**Psychology 1 ss170SSS9**

Length: Semester

**Grades: 11-12**

NCAA Approved

Credit: 0.5

Prerequisite: None

Psychology is the study of human behavior. This course deals with two aspects of psychology: The scientific methods used in the study of human behavior and the application of psychological principles to individual human behavior. You will be introduced to terms, techniques, and research findings that will help you gain insight into your own behavior and the behavior of others around you.

- This course is required for the *Psychology* endorsement in the Human Resources Career Academy.

**US History ss101SUS**

Length: Year

**Grades: 10-11**

Credit: 1.0

NCAA Approved

Prerequisite: None

U.S. History explores the political, economic, social, and geographic forces that have shaped our nation. We will discuss the process of change and the forces that have molded our present way of life. During Semester 1, you will review the Constitution, the conflict between big business and labor, the Progressive Era, World War I, and the 1920s. In Semester 2, you will examine the Great Depression and the New Deal, World War II and its aftermath, the Cold War, the movements of the 1960s through to the Vietnam War, and the politics of the 1980s and 1990s.

## AP Social Science Courses

**AP European History ss120ASS**

Length: Year

**Grades: 10-12**

Credit: 1.0

NCAA Approved

Prerequisite: Instructor approval

This study of European history since 1450 introduces you to the cultural, economic, political, and social developments that have played fundamental roles in shaping the world in which we live today. Without this knowledge, we would lack the context of understanding the development of contemporary institutions, the roles of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing.

- This course is required for the *International* endorsement in the Renaissance Learning Career Academy.
- This **capstone course** is graded on a 5.0 scale.

## AP Social Science Courses (continued)

**AP Human Geography SS330AWS**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: Instructor approval

AP Human Geography introduces you to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface and its resources. In this course we will examine the distribution and features of people and their settlements, activities, and culture (including language, religion, and folk and popular culture differences). You will employ spatial concepts and landscape analysis to understand human social organization and its environmental, social, political, and economic consequences. In addition to covering locational theories for different economic sectors, we will explore issues such as economic development, business affairs analysis, resource distribution, urbanization patterns, population growth, rural economics, and coping with a changing world economy. This course will prepare you for college-level work and establish high levels of organizational and study skills. Participation in the AP Exam is strongly encouraged.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This [capstone course](#) is graded on a 5.0 scale.

**AP Psychology SS172ASS**

Length: Year

**Grades: 11-12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: Grade of C or higher in Psychology 1 and instructor approval

This course will introduce you to the systematic and scientific study of the behavior and mental processes of human beings and other animals. AP Psychology is designed to demonstrate how psychological methodology and theory may be used to understand and predict behavior, as well as to assist you in applying conceptual knowledge to everyday situations.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Mental Health* endorsement in the Health Services Career Academy and the *Psychology* endorsement in the Human Resources Career Academy.
- This [capstone course](#) is graded on a 5.0 scale.

**AP US Government and Politics SS111AGV**

Length: Year

**Grades: 11-12**

NCAA Approved

Credit: 1.0

Prereq: C or higher in U.S. History and instructor approval

AP US Government and Politics will give you a challenging analytical perspective on government and politics in the United States. You will learn important facts, concepts, and theories pertaining to U.S. government, understand patterns of the political process and political behaviors, and explain various government structures and procedures and their effects on society. Course topics include constitutional underpinnings, political beliefs and behaviors, political parties, interest groups and mass media, public policy, institutions of the national government, and civil rights and liberties. Participation in the AP Exam is strongly encouraged. **Please note: In order to earn the Government credit required for graduation, you must complete the entire yearlong course. If you drop this course before completing it, you must then complete the standard American Government course in order to earn the required Government credit.**

- This [capstone course](#) is graded on a 5.0 scale.

**AP US History SS102AUS**

Length: Year

**Grades: 10-11**

NCAA Approved

Credit: 1.0

Prerequisite: Instructor approval

AP US History will provide a challenging and fascinating look at the full scope of our nation's history. This course is based on nine historical thinking skills that will ask you to think critically in a deep analysis of our country's successes, issues, changes, and trends. It also utilizes seven thematic learning objectives to help organize multifaceted content. You will learn to assess, analyze, and use historical materials and stimulus on a daily basis. Document-based questions, long and short answer writing, and numerous projects will stress reading, writing, and speaking skills. This course is for students who are highly motivated to complete and master college-level work. Excellent attendance, time management, and study skills are mandatory. Participation in the AP Exam is strongly encouraged.

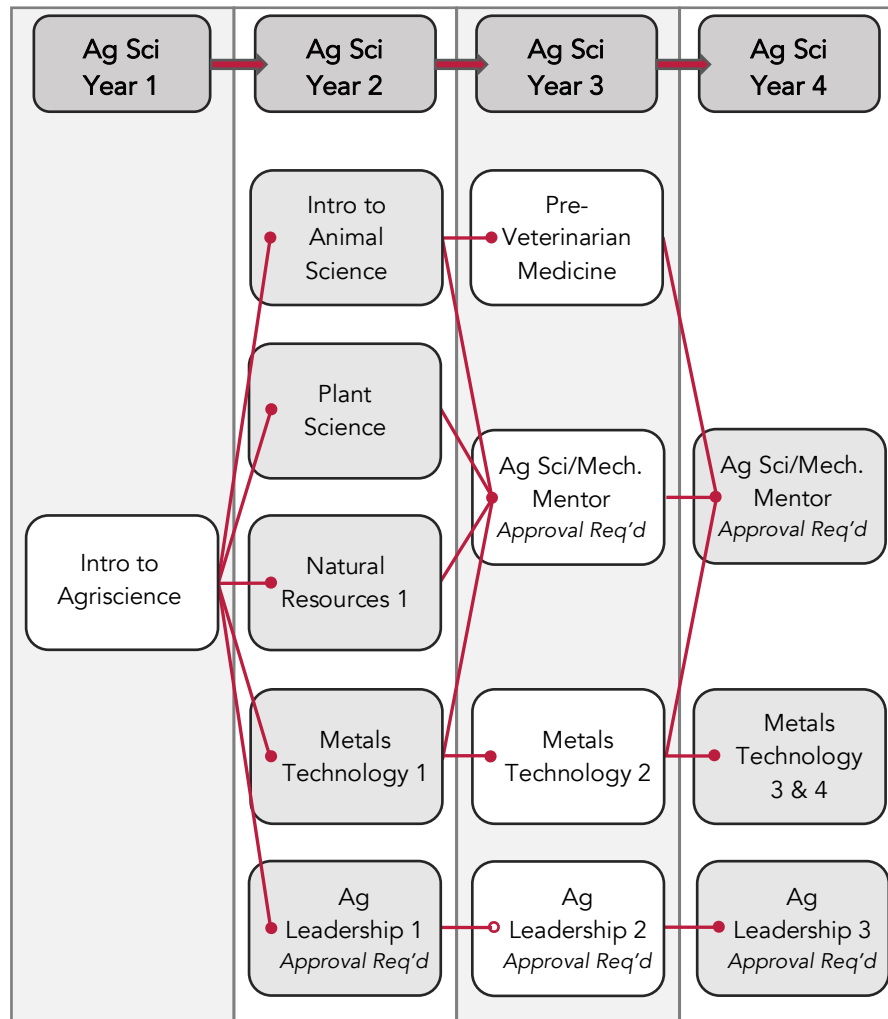
- This [capstone course](#) is graded on a 5.0 scale.

## Elective Subjects

### Agriculture Science Systems

Agriculture Science Systems classes provide experience in hands-on activities, projects, and problems. You will study communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture, you will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for your work, actions, and learning.

### Agriculture Science Systems Course Progression



#### Ag Leadership

Starting in 10<sup>th</sup> grade, students who have completed agriculture courses may be able to take Ag Leadership. Ag Leadership is our FFA Officer and Agriculture Science Systems capstone course; instructor approval is required. Talk to your current ag teacher to find out if you are eligible to take Ag Leadership 1, 2, 3, or 4.

## Agriculture Science Systems Courses

**Agriculture Leadership MD300SEL, MD335SEL, MD336SEL, MD337SEL**

Length: Year

**Grades: 10-12***Dual Credit Course*

Credit: 1.0

Prerequisite: Introduction to Agriscience or Metals Technology 1 and instructor approval

Learn how to get a competitive edge in the workplace. Ag Leadership creates opportunities for career success by focusing on the development of interpersonal, human relations, and other employable skills that are highly sought after in business and industry. You will develop your abilities in speaking, teamwork, and public relations and explore your proficiency as an effective leader while learning how to be an excellent communicator.

- Oregon college credit may be available for Agriculture Leadership 1. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Agricultural Education* endorsement in the Agriculture Science Systems Career Academy.
- You will have the opportunity to meet the Career-Related Learning (CRLE) graduation requirement in this class.

**Introduction to Agriscience SC610SSC**

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: None

Introduction to Agriscience introduces you to the world of agriculture and the pathways you may pursue. We will explore career and post-secondary opportunities, practice hands-on skills, and work as individuals and teams within each area of the agriculture industry. Not only will you gain a basic understanding of the plant and animal industries, you'll also gain leadership development through the FFA. Each student will conduct a Supervised Agriculture Experience (SAE) project, in which they will be able to personally analyze one area of agriculture in which they are interested. This course will set you up for success to pursue other agricultural courses, including metals, animal science, plant science, and more.

**Please note: This course does not meet [college entrance](#) and [NCAA core subject](#) requirements.**

- This course is required for the *Agricultural Education*, *Animal & Veterinary Science*, and *Agriculture Mechanics & Technology* endorsements in the Agriculture Science Systems Career Academy.

**Introduction to Animal Science SC611SSC**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Introduction to Agriscience

Discover how domesticated animals influence and impact our daily lives. Learn the biology of the animal, including anatomy, nutrition, health and disease, and reproduction and genetics. Develop skills related to the care and welfare of animals while exploring food safety and agriculture commodity marketing practices. You must pass the scientific inquiry work sample during the course to earn a grade of C or higher in this class. Upon satisfactory completion of both semesters, this course may be used to meet up to 1.0 of the science credits required for graduation. **Please note: This course does not meet [college entrance](#) and [NCAA core subject](#) requirements.**

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Metals Technology 1 AA600SFA**

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: None

This course will introduce you to welding and fabrication. You will learn welding and shop safety; theory of welding process; welding-related math skills; GMAW, SMAW, and OA welding; plasma torch operation; and other machining operations. In order to complete this course, you must complete a prescribed number of welds in each process.

- This course is required for the *Agriculture Mechanics & Technology* endorsement in the Industrial & Engineering and Agriculture Science Systems Career Academies.

*Agriculture Science Systems Courses (continued)***Metals Technology 2 AA601SFA**

Length: Year

**Grades: 10-12***Dual Credit Course*

Credit: 1.0

Prerequisite: Grade of C or higher in Metals Technology 1 or instructor approval

In this skills-based course, you will build upon your welding skills developed in Metals 1. Students will develop their skills welding out of position using GMAW and SMAW. Students will learn metal preparation and welding skills for multi pass welding. Students will learn basic safety and skills for GTAW. Students will learn and practice basic CNC Plasma design and fabrication. You will continue to expand your skills and abilities while working toward a welding certificate, if desired.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Agriculture Mechanics & Technology* endorsement in the Industrial & Engineering and Agriculture Science Systems Career Academies.

**Metals Technology 3 AA605SFA**

Length: Year

**Grades: 11-12**

Credit: 1.0

Prerequisite: Grade of C or higher in Metals Technology 2 or instructor approval

In this skills-based course, you will build upon your welding, fabrication, and design skills developed in Metals 2. Students will apply their GMAW, SMAW, GTAW, and/or CNC Plasma techniques to design and fabricate small scale projects. All projects must be instructor-approved. Students can practice and attempt their welding certification exam if they choose.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Metals Technology 4 AA606SFA**

Length: Year

**Grade: 12**

Credit: 1.0

Prerequisite: Grade of C or higher in Metals Technology 3 or instructor approval

This is a project-based course. The students and instructor will collaborate to approve and design projects. Projects can include small or medium construction. Projects can also include developing specific welding techniques on selected welding process. Students can practice and attempt their welding certification exam if they choose.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Agriculture Mechanics & Technology* endorsement in the Industrial & Engineering and Agriculture Science Systems Career Academies.

**Natural Resources 1 SC260SSC**

Length: Year

**Grades: 10-12***NCAA Approved*

Credit: 1.0

*Dual Credit Course*

Prerequisite: Introduction to Agriscience

If you're interested in pursuing a career in a field related to natural resources or environmental science, this course is for you. We'll find out what natural resources are and study various scientific topics, including human impacts on the planet, energy sources, physical geography and geology, ecology, soils, watersheds and riparian areas, the atmosphere, botany, forestry, fisheries, and wildlife. You will gain career-related skills in teamwork, personal management, problem solving, and communication related to natural resources industries. Career development will also be an integral part of the course via research projects, guest speakers, and possible job shadows or internships.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Natural Resources* endorsement in the Agriculture Science Systems Career Academy.

*Agriculture Science Systems Courses (continued)***Plant Science SC619SSC**

Length: Year

**Grades: 10-12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: Introduction to Agriscience

This science-based course introduces you to the horticultural industry. You will gain hands-on experience in the care and production of plants from seed to adequate sale size and conduct a plant sale through which you will learn proper marketing and customer relation skills.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Agriculture Mechanics & Technology* endorsement in the Industrial & Engineering and Agriculture Science Systems Career Academies.

**Pre-Veterinarian Medicine SC612SSC**

Length: Year

**Grades: 11-12**

Dual Credit Course

Credit: 1.0

Prerequisite: Introduction to Animal Science

This advanced course focuses on the health and welfare of animals. Explore the domestic animal from a medical perspective and learn the practices needed to prevent and cure disease. Learn hands-on, practical skills in proper animal handling, disease diagnosis, and basic veterinary care. This course facilitates participation in scheduled activities, job shadowing, and internships in various agencies related to animal health. Upon satisfactory completion of both semesters, this course may be used to meet up to 1.0 of the science credits required for graduation. **Please note: This course does not meet [college entrance](#) and [NCAA core subject](#) requirements.**

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Pre-Veterinary Medicine 2 SC622SSC**

Length: Year

**Grade: 12**

Credit: 1.0

Prerequisite: Pre-Veterinarian Medicine

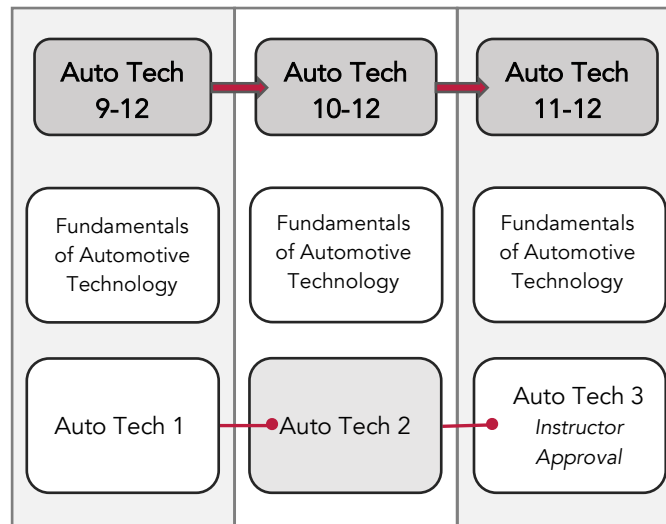
This advanced course focuses on the health and welfare of animals. Explore the domestic animal from a medical perspective and learn the practices needed to prevent and cure disease. Learn hands-on, practical skills in proper animal handling, disease diagnosis, and basic veterinary care. **Please note: This course does not meet [college entrance](#) and [NCAA core subject](#) requirements.**

*Automotive Technology*

The Automotive Technology program at MVHS is taught in alignment with the [National Automotive Technicians Education Foundation](#) (NATEF) and the [Oregon Automotive Service Technology skill sets](#) as set forth by the Oregon Department of Education. The program aims to prepare students for college and entry-level positions in the automotive industry. We are currently teaching to the Maintenance and Light Repair Standards set forth by NATEF.

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### Automotive Technology Course Progression



### Automotive Technology Courses

#### Fundamentals of Automotive Technology AA090SFA

**Grades: 9-12**

Credit: 1.0

Prerequisite: None

During the first semester, students will study basic car care fundamentals, including maintenance and repairs (with some hands-on applications), emergency services, the cost of owning and operating a vehicle, buying and selling a vehicle, and new vehicle technologies. In the second semester, this class will include shop safety, tool identification and proper usage, introduction to engine fundamentals, hands-on small engine applications, and approved group projects.

#### Automotive Technology 1 AA102SFA

**Grades: 9-12**

Credit: 1.0

Prerequisite: None

Automotive Technology 1 will cover the following topics: safety and tools, engine repair, and an introduction to electrical/electronic systems.

- This course is required for the *Automotive Engineer* and *Automotive Technician* endorsements in the Industrial & Engineering Career Academy.

#### Automotive Technology 2 AA103SFA

**Grades: 10-12**

Credit: 1.0

Prerequisite: Grade of C or higher in Auto Technology 1

This course will cover the following topics: brakes, steering and suspension, manual transmission and drive train, automatic transmission and transaxle, and electrical/electronic systems. You will have the opportunity to complete ASE certification.

- This course is required for the *Automotive Engineer* and *Automotive Technician* endorsements in the Industrial & Engineering Career Academy.

#### Automotive Technology 3 AA104SFA

**Grades: 11-12**

Credit: 1.0

Prerequisite: Automotive Technology 1, Automotive Technology 2, and instructor approval

This course will cover the following topics: engine performance, heating and air conditioning, an introduction to hybrid vehicles, and diesel engines. You will also complete ASE certification(s).

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

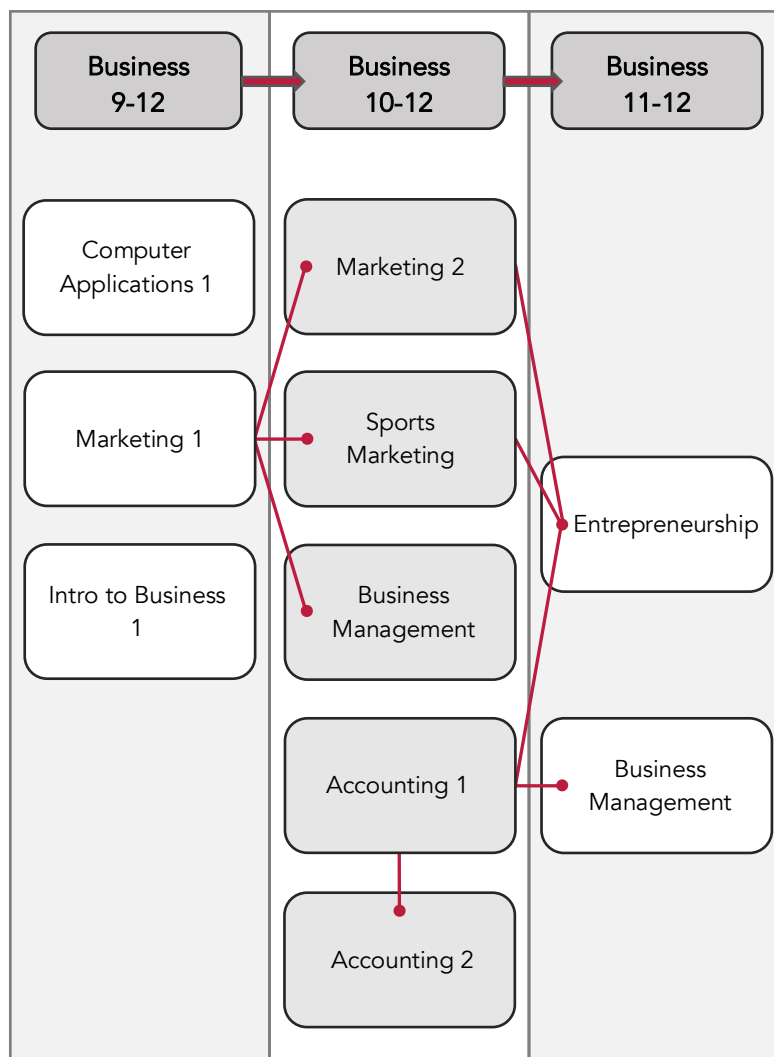


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## Business

Why should you take business courses? Well, someday you will likely work in a business, manage a business, or own a business. The career possibilities in business are endless and extremely practical. You may specialize in accounting, marketing, finance, or management—or maybe use *all* of those skills as an entrepreneur and start your own business. As a business student, you can get practical experience operating the student store and be part of the Future Business Leaders of America (FBLA) club. With the skills you'll gain in business classes, your future is limited only by your imagination.

### Business Course Progression



#### Future Business Leaders of America (FBLA) Club

Open to students in grades 9-12 who are enrolled in at least one business course.

All business students are encouraged to join and participate in FBLA. FBLA helps you explore and prepare for a career in business through competitions, events, leadership opportunities and more.

*Business Courses***Accounting 1 BU302SFA9**

Length: Semester

**Grades: 10-12***Dual Credit Course*

Credit: 0.5

*May be repeated for HS credit*

Prerequisite: None

Accounting is known as the “language of business” and is a foundational course in any study of business. You will be introduced to the basic concepts of double-entry accounting and financial recordkeeping for a service or retail business. You will learn the accounting cycle and debit/credit theory. Using marketing forms and the computer, you will practice accounting problems and procedures while journalizing and posting transactions, reconciling bank statements, using various journals and ledgers, and processing receivables and payables. You will learn about financial statements and how they help business owners and managers make sound financial decisions for their operations. You may have the opportunity to help run the Cougar Den (student store) and other school-related projects in need of financial recordkeeping. All students enrolled in Accounting 1 will be eligible for—and encouraged to participate in—FBLA.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Finance, General Business, and Office Management* endorsements in the Business & Management Career Academy.

**Accounting 2 BU303SFA9**

Length: Semester

**Grades: 10-12***Dual Credit Course*

Credit: 0.5

*May be repeated for HS credit*

Prerequisite: Accounting 1

This next-step accounting course builds on the foundation of accounting principles and procedures you learned in Accounting 1. With a focus on analyzing and interpreting business transactions and financial statements, you will continue to practice accounting problems related to merchandising businesses and corporations. You will learn the basics of QuickBooks, a popular accounting software program. You will gain an understanding of industry-standard procedures, or generally accepted accounting principles (GAAP), business ethics, business structure, management, and career options in accounting. You may also have the opportunity to help run the Cougar Den (student store) and assist with other school-related projects that require financial recordkeeping. All students enrolled in Accounting 2 will be eligible for—and encouraged to participate in—FBLA.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Finance* endorsement in the Business & Management Career Academy.

**Business Management BU406SFA9**

Length: Semester

**Grades: 10-12**

Credit: 0.5

*May be repeated for credit*

Prerequisite: Marketing 1, Accounting 1, or instructor approval

Learn the fundamentals of business management and leadership! This project-oriented course will focus on planning, organizing, directing, and controlling in the business environment. You will complete projects related to, and aligned with, FBLA competitive events, including web design, graphic design, presentations, video production, sales presentations, promotion projects, business publications, or other student-proposed leadership ideas. Working individually and in teams, you will develop skills in technical writing, time management, employability, and communications. You will complete at least one school or community service project, and you may have the opportunity to work in the Cougar Den (student store) or in other school-related business activities. **Please note: All students enrolled in Business Management are encouraged to participate in FBLA and compete at the yearly regional and state conferences.**

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

*Business Courses (continued)*

**Computer Applications 1 BU202SFA9** Length: Semester  
**Grades: 9-12**  
 Credit: 0.5 *May be repeated for credit*  
 Prerequisite: None

Give yourself an advantage when it's time to look for a job! Using Microsoft Word, Excel, PowerPoint, Access, and Outlook, you'll learn how to create business documents, spreadsheets, graphs, presentations, and integrated projects that will come in handy in school and in business. You will study digital citizenship, computer systems, professionalism, and business etiquette. You may earn an industry-recognized certificate and become a Microsoft Office Specialist (MOS) Expert, which shows employers you have developed a high level of proficiency in Microsoft Office applications and have real work skills. **Please note: Obtaining the MOS certificate requires passing an industry-accepted exam and payment of an additional fee.** All students enrolled in Computer Applications 1 will be eligible for—and encouraged to participate in—FBLA.

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Entrepreneurship BU407SFA9** Length: Semester  
**Grades: 11-12**  
 Credit: 0.5  
 Prerequisite: Marketing 1, Marketing 2, Accounting 1, or instructor approval

If you are a highly motivated student who would like to develop and design innovative product and business ideas, Entrepreneurship is the course for you. (Think "Shark Tank.") You will employ the design thinking process and learn by doing to develop your entrepreneurial skills. During the semester, you will complete a business plan for a new business idea of your choice. You will also create prototypes and market your own new product ideas. Entrepreneurs from the community will serve as guest speakers and evaluate our student-created business plans and product ideas. All students enrolled in Entrepreneurship will be eligible for—and encouraged to participate in—FBLA.

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Introduction to Business 1 BU400SFA9** Length: Semester  
**Grades: 9-12**  
 Credit: 0.5  
 Prerequisite: None

This is where you begin learning about the vast field of business. You will engage in hands-on projects and activities to learn about the basic concepts and principles of entrepreneurship, management, marketing, accounting, economics, business law, international business, and technology. Throughout the semester you will explore business trends, current events, and business occupations and career opportunities. The business world is where you'll put your education, skills, and knowledge to work! All students enrolled in Introduction to Business 1 will be eligible for—and encouraged to participate in—FBLA.

**Marketing 1 BU500SFA9** Length: Semester  
**Grades: 9-12**  
 Credit: 0.5  
 Prerequisite: None

This fun and creative course introduces the fundamentals and functions of marketing in business. Learn the basic concepts of promotion, advertising, product development, retail, management, customer service, and marketing research. Get hands-on business experience through running the Cougar Den (student store) and other school promotion projects. Marketing 1 is a must-take business course and a prerequisite to higher-level business courses. All students enrolled in Marketing 1 will be eligible for—and encouraged to participate in—FBLA.

- This course is required for the *Marketing and Office Management* endorsements in the Business & Management Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

*Business Courses (continued)***Marketing 2 BU501SFA9**

Length: Semester

**Grades: 10-12**

Credit: 0.5

Prerequisite: Marketing 1

*May be repeated for credit*

Here's your opportunity to take marketing to the next level! This project-based course will focus on achieving traditional marketing objectives through the use of desktop, mobile, and social technologies. You will develop marketing and promotional plans to expand your knowledge of ecommerce, promotion, branding, sales, customer engagement, and market research. By studying current trends and emerging technologies using digital and social media, you will learn to apply marketing fundamentals in creative and exciting ways. You will also work on individual and team projects. As a Marketing 2 student, you will be involved in running the Cougar Den (student store) and other school and community promotion projects. All students enrolled in Marketing 2 will be eligible for—and encouraged to participate in—FBLA.

- This course is required for the *Marketing* endorsement in the Business & Management Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Personal Finance BU415SEL9**

Length: Semester

**Grades: 10-12**

Credit: 0.5

Prerequisite: None

In this two-part course you'll start by exploring career, occupational, and educational choices to help you make decisions about your future. You will gain job-seeking and career skills, including the job application, resume and cover letter creation, interviewing, and success on the job. A three-hour job shadow will give you a first-hand look at an occupation of your choice. In the second part of this course, you will gain skills and knowledge related to financial literacy and successful money management. Understanding banking, budgeting, taxes, investing, buying a car, insurance basics, credit, and living on your own will help you make important life decisions and become a wise consumer. We will also hear from guest speakers.

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Sports/Entertainment Marketing BU511SFA9**

Length: Semester

**Grades: 10-12**

Credit: 0.5

Prerequisite: Marketing 1

This project-based course will focus on achieving traditional marketing objectives through the promotion of sports and entertainment events and recreational and tourism activities. You will develop marketing and promotional plans to further your knowledge of promotion, branding, sales, customer engagement, and market research. Through individual and team projects as well as studying licensing, sponsorship, and public relations, you will learn to apply marketing fundamentals in creative and exciting ways. You will be involved in running the Cougar Den (student store) and other school and community promotion projects. All students enrolled in Sports/Entertainment Marketing will be eligible for—and encouraged to participate in—FBLA. *This course may be repeated for credit.*

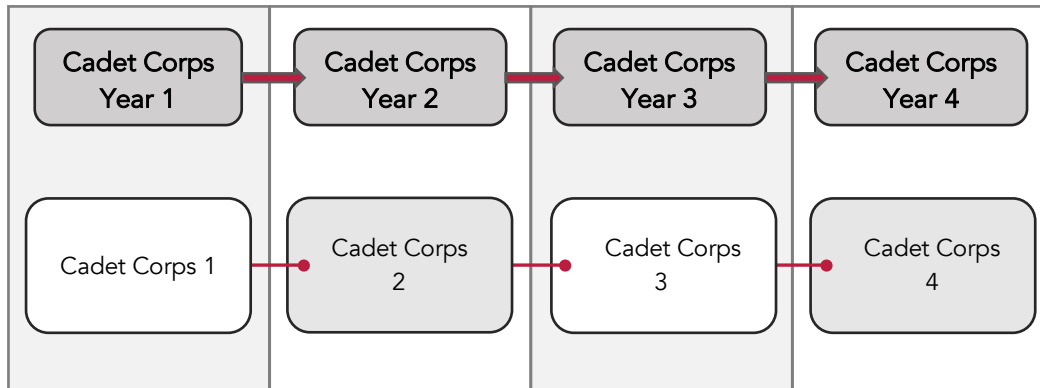
### Cadet Corps

Looking for an interesting class? For extracurricular activities? To develop skills that will pay off inside and outside of school? Cadet Corps has what you want. Whether you have an interest in the military or have absolutely no intention of joining the service, Cadet Corps will develop you into a more capable person. We study many high school subjects, including history, science, health, and leadership. We have monthly get-togethers, competitive teams, and community service opportunities. Students in Cadet Corps improve and do better—no matter what their starting point was.

Cadet Corps classes are open to all students and can be taken for elective credits. Courses are taught by former military personnel. Expect Cadet Corps classes to include high expectations for your behavior, effort, and respect. Participation in certain Cadet Corps activities may have additional requirements.

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## Cadet Corps Course Progression



## Cadet Corps Courses

**Cadet Corps 1 MI146SEL**

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: None

An introductory course in the Navy National Defense Cadet Corps (NNDCC) program, Cadet Corps 1 covers the basics of U.S. citizenship, laws, authority, and responsibility. You will learn military organization, drill, customs, and uniforms. We will also cover health education, physical fitness, and an introduction to first aid. You will have opportunities to participate in the basic levels of the NNDCC program, including extracurricular competitive teams, community service, platoon leadership positions, social activities, and travel.

**Cadet Corps 2 MI147SEL**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Cadet Corps 1

This course provides ongoing instruction in, and development of, citizenship and leadership skills. You will study world and U.S. history with an emphasis on the influence of maritime events during the American Revolution and World Wars. You will be introduced to maritime geography, oceanography, meteorology, astronomy, and aerodynamics. Second-year cadets are given increased opportunities for leadership within the corps, along with increased responsibility. *You can earn your PE 2 credit after the fourth semester of Cadet Corps (or at the end of Cadet Corps 2).*

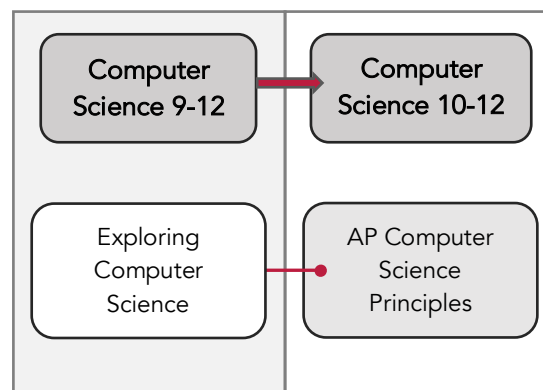
- This course is required for the *National Defense: Cadet Corps* endorsement in the Human Resources Career Academy.
- Cadets who complete two years of NNDCC and meet admission requirements are eligible for nomination to U.S. service academies. Cadets who choose to enlist in the various military services may do so at a higher rank (and salary) as a result of two years of participation in NNDCC.

Cadet Corps Courses (continued)	
<p><b>Cadet Corps 3 MI148SEL</b> Length: Year</p> <p><b>Grades: 11-12</b></p> <p>Credit: 1.0</p> <p>Prerequisite: Cadet Corps 2</p> <hr/> <p>In this course you will have opportunities to further develop leadership traits. Cadet Executive Staff members plan and coordinate all unit activities. You will receive an introduction to naval seapower, U.S. strategy, naval logistics, military law, ship construction, seamanship, navigation, and naval aircraft. <i>You can earn up to 1.0 social science credit after the sixth semester of Cadet Corps (or at the end of Cadet Corps 3).</i></p> <hr/> <ul style="list-style-type: none"> <li>You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>	<p><b>Cadet Corps 4 MI149SEL</b> Length: Year</p> <p><b>Grade: 12</b></p> <p>Credit: 1.0</p> <p>Prerequisite: Cadet Corps 1, 2, and 3</p> <hr/> <p>This course builds on the basic qualities of effective leadership provided through your previous NNDCC experience. Cadet Executive Staff members plan and coordinate all unit activities. Cadet Corps 4 serves as a leadership symposium covering effective communication, successful military and civilian leaders, presentation skills, and responsibilities of leaders and followers. You will work on individual and group assignments and provide your classmates with constructive criticism.</p>

### Computer Science

The Computer Science program at MVHS gives you the opportunity to explore how computing and technology impact the world. As a Computer Science student, you will solve problems using computers; learn programming languages; build websites, apps, and computing devices; create using technology; and become a responsible digital citizen.

### Computer Science Course Progression



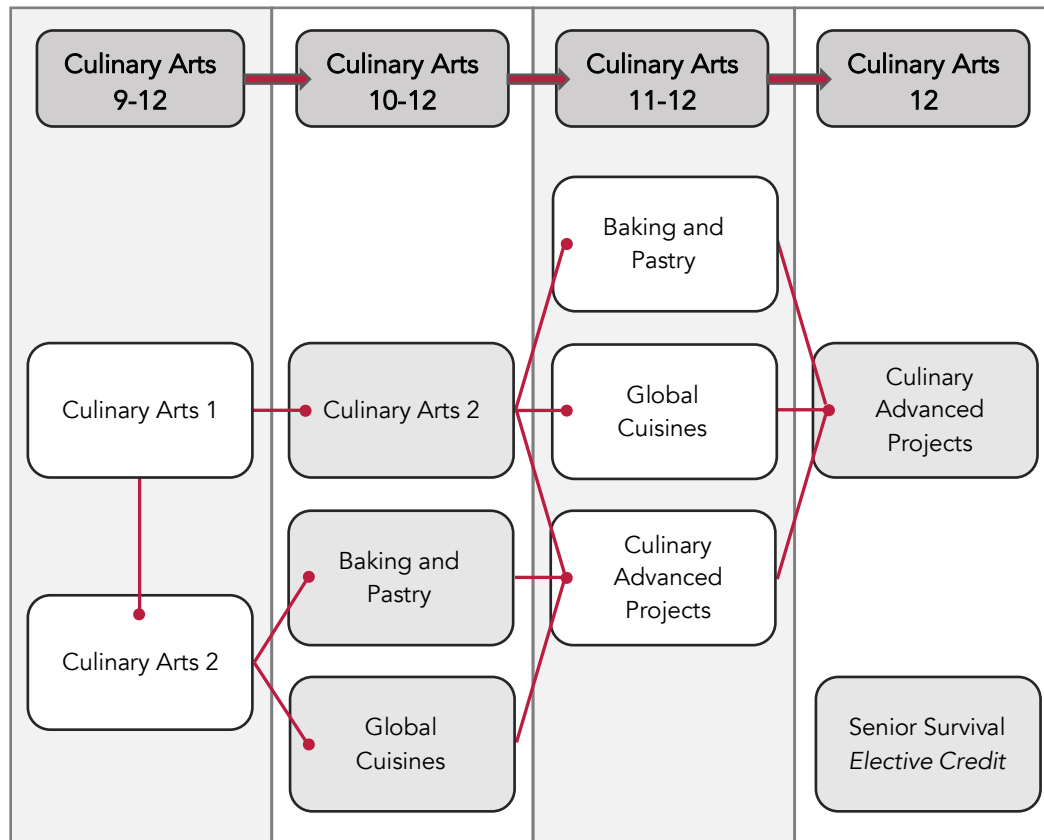
Computer Science Course	
<b>Exploring Computer Science AA218SFA</b> <b>Grades: 9-12</b> Credit: 1.0 Prerequisite: None	Length: Year
<p>This class is for <i>everyone</i>—no experience needed. Make web pages, design your own program, design and control devices, and learn what artificial intelligence is (and why you care). Understand how data is captured and used, how technology controls your life experience and influences society, and how to create new technology instead of being consumed by others' creations. Computer science is changing everything. Entertainment, medicine, transportation, public policy, agriculture, fashion, art, energy, society, and design all rely on computer science. Come join us in being part of that change, and have fun doing it!</p>	
<ul style="list-style-type: none"> <li>You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>	
AP Computer Science Course	
<b>AP Computer Science Principles AA852AFA</b> <b>Grades: 10-12</b> Credit: 1.0 Prerequisite: Grade of C or higher in Exploring Computer Science or instructor approval	Length: Year
<p>Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. You will develop programming expertise and explore the workings of the Internet while working on projects and problems like app development, visualization of data, cyber security, and simulation. The course curriculum is a College Board-approved implementation of AP Computer Science principles. While this can be your first course in computer science, we encourage you to start with Exploring Computer Science if you do not have computing experience. <i>This course follows <a href="#">Project Lead the Way</a> and <a href="#">Code.org</a> curriculum.</i></p>	
<ul style="list-style-type: none"> <li>This course is required for the <i>Computer Science</i> endorsement in the Industrial &amp; Engineering Career Academy.</li> <li>This <b>capstone course</b> is graded on a 5.0 scale.</li> </ul>	

### Culinary Arts

Careers in the food and beverage industry are some of the most dynamic and competitive in the country! The MVHS Culinary Arts program will prepare you for culinary school as well as for jobs with restaurants, caterers, and bakeries. Through hands-on instruction in a state-of-the-art commercial kitchen, you will begin by learning the basics of food and cooking, including nutrition, sanitation, and basic kitchen skills. As you progress through the program, you will be introduced to more complex recipes and ingredients and the underlying food science. Ultimately you will take part in real-world projects, including catering, internships, and culinary competitions.

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## Culinary Arts Course Progression



## Culinary Arts Courses

### Culinary Arts 1 AA430SFA9

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

Do you love food? Do you want to learn new skills in the kitchen? Are you considering a career in the food service industry? If the answer to any of those questions is yes, Culinary Arts 1 is for you. This course is an introduction to the basics of cooking. You will learn about measuring, safety and sanitation, healthy food choices, and baking; you'll also get an overview of international cuisine. In weekly hands-on cooking labs, you will learn how to cook your favorite foods . . . and you'll get to eat your own creations!

- This course is required for the *Culinary Arts* endorsement in the Business & Management Career Academy.

### Culinary Arts 2 AA431SFA9

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Grade of C or higher in Culinary Arts 1

Culinary Arts 2 continues your exploration of the culinary arts with an in-depth look at the different cooking methods, both dry and moist heat. Students will learn about sauces, presentation, as well as the knife skills necessary to feel confident in the kitchen. This course is required before progressing to upper-level culinary classes. *Priority placement will be given to grades 10-12.*

- This course is required for the *Culinary Arts* endorsement in the Business & Management Career Academy.



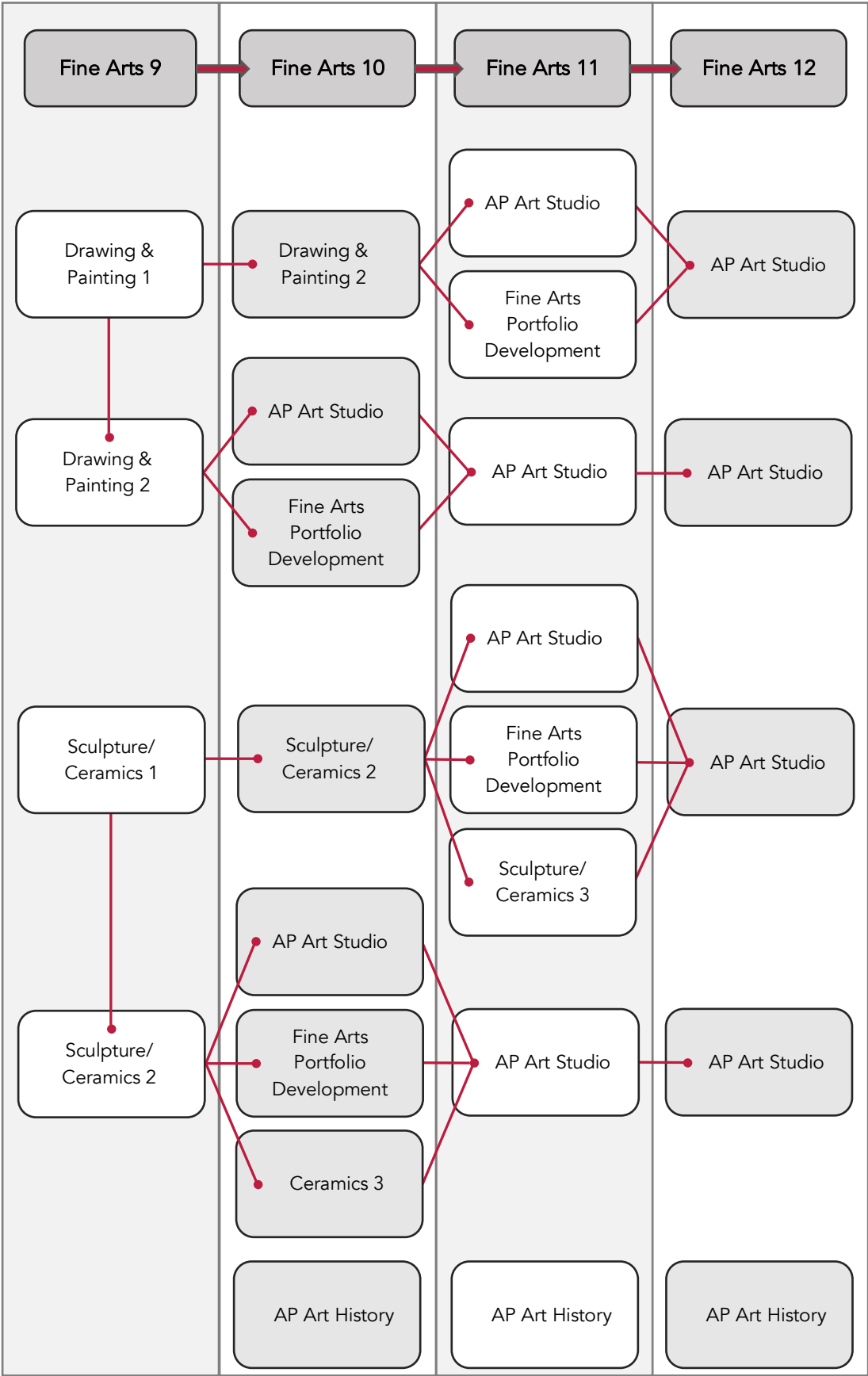
Culinary Arts Courses (continued)	
<b>Baking and Pastry AA457SFA9</b> Length: Semester <b>Grades: 10-12</b> Credit: 0.5 Prerequisite: Grade of C or higher in Culinary Arts 2 <hr/> DESCRIPTION HERE <hr/> <ul style="list-style-type: none"> <li>• Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.</li> <li>• You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>	<b>Global Cuisines AA423SFA9</b> Length: Semester <b>Grades: 10-12</b> Credit: 0.5 Prerequisite: Grade of C or higher in Culinary Arts 2 <hr/> DESCRIPTION HERE <hr/> <ul style="list-style-type: none"> <li>• You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>
<b>Culinary Advanced Projects AA457SFA</b> Length: Year <b>Grades: 11-12</b> Credit: 1.0 Prerequisite: Grade of C or higher in Culinary Arts 2 <hr/> Culinary Advanced Projects are for the serious culinary student looking for a challenge. Focus will be on refined professional techniques, cafe management, catering, local competitions, and an opportunity to pursue your own culinary goals. <hr/> <ul style="list-style-type: none"> <li>• You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>	<b>Senior Survival AA864SFA9</b> Length: Semester <b>Grade: 12</b> Credit: 0.5 Prerequisite: Open only to seniors who have not previously taken any Culinary Arts classes <hr/> Seniors, are you wondering whether you're ready to live on your own? Senior Survival will give you real-world skills you need! Learn about budgeting, meal planning, basic cooking techniques, and how to make healthy choices. Get practical skills like using convenience foods to create inexpensive yet well-balanced meals. This class is open to all seniors who have not yet taken any Foods or Culinary Arts courses.

### Fine Arts

In the Fine Arts program, you will develop creativity, problem solving skills, and craftsmanship within a wide range of media. MVHS art students have been recognized for their excellence regionally and nationally through the Scholastic Awards program, the Congressional Art Program, and the Red Chair Gallery. Want to begin exploring clay, drawing, painting, printmaking, and more? Fine Arts at MVHS are open to everyone!

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Fine Arts Course Progression



## Fine Arts Courses

**Ceramics 3 FA511SFA9**

Length: Semester

**Grades: 10-12**

Credit: 0.5

Prerequisite: Sculpture/Ceramics 2

Ceramics 3 will build and expand on hand building and wheel throwing techniques you learned in previous levels. In addition, you may begin developing work for an AP Art Studio portfolio. This course emphasizes creativity as well as growth in the use of the media explored in class.

**Drawing and Painting 1 FA300SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

Beginning to intermediate art students will further their drawing and painting skills in this course. We will cover the components of design and the technical handling of a variety of materials. You will be encouraged to develop your own unique artistic vision and to search for meaning in your work.

- This course is required for the *Visual Arts: Studio Arts* endorsement in the Arts & Communication Career Academy.

**Drawing and Painting 2 FA301SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Drawing and Painting 1

In this course you will have the opportunity to further your technical skills and artistic vision through continued drawing and painting. You will explore various drawing and painting mediums and begin to build a portfolio of work as you prepare for AP Art Studio.

**Fine Arts Portfolio Develop/Studio FA520SFA9**

Length: Semester

**Grades: 10-12**

Credit: 0.5

Prerequisite: Drawing & Painting 2 *or* Sculpture/Ceramics 2 **and** instructor approval

In this course you will have the opportunity to further your technical skills and artistic vision through continued drawing and painting. You will explore various drawing and painting mediums and begin to build a portfolio of work as you prepare for AP Art Studio. *This course may be repeated for credit.*

- This course is required for the *Visual Arts: Studio Arts* endorsement in the Arts & Communication Career Academy.

**Sculpture/Ceramics 1 FA505SFA9**

Length: Semester

**Grades: 9-12***Dual Credit Course*

Credit: 0.5

Prerequisite: None

In this beginner- to intermediate-level course, you will have the opportunity to make three-dimensional forms through a variety of sculpture media, primarily clay. We will focus on manipulating, assemblage, hand building, and wheel throwing in clay, as well as firing and glazing techniques. You will learn a variety of methods to develop the competencies necessary for more advanced and individual styles of works.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Visual Arts: Studio Arts* endorsement in the Arts & Communication Career Academy.

**Sculpture/Ceramics 2 FA506SFA9**

Length: Semester

**Grades: 9-12***Dual Credit Course*

Credit: 0.5

Prerequisite: Sculpture/Ceramics 1

In this course you will further study three-dimensional form. You may explore other sculptural media, but the focus will primarily be on clay assemblage, hand building, and wheel-thrown pottery. Emphasis will be given to individual development of technique and vision.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.

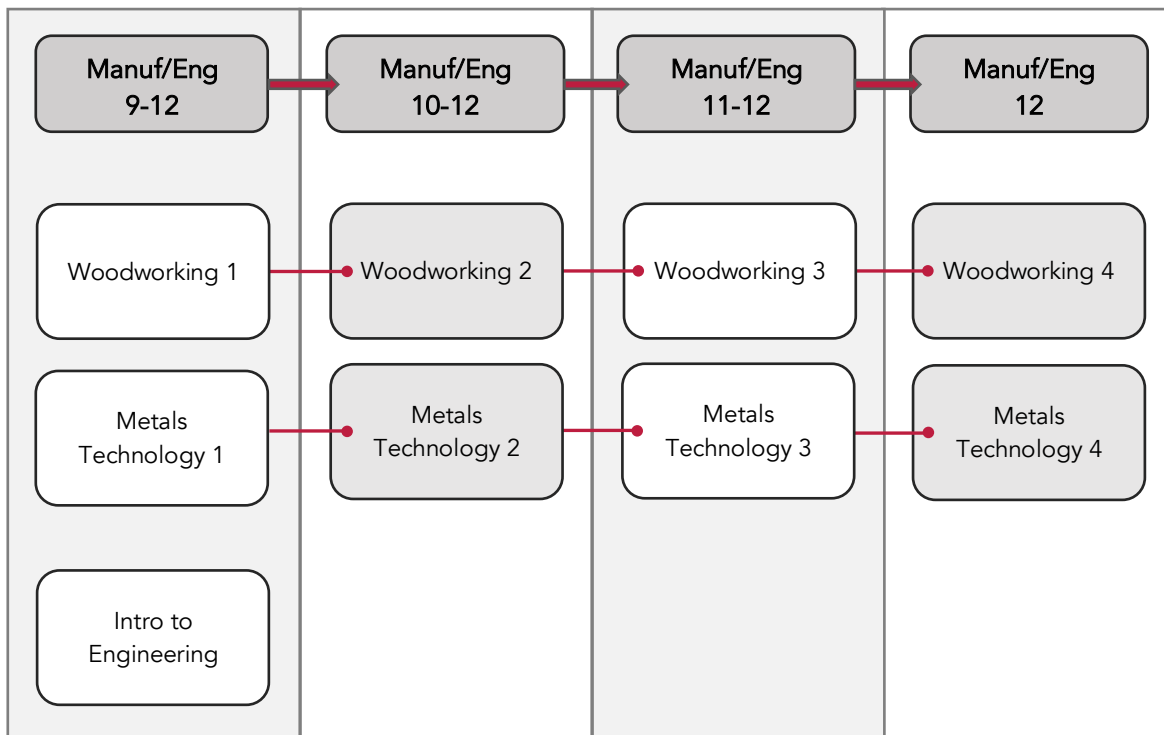
AP Fine Arts Courses	
<b>AP Art History FA335AFA</b> Year <b>Grades: 10-12</b> Credit: 1.0 Prerequisite: None	<b>AP Art Studio FA521AFA</b> Length: Year <b>Grades: 10-12</b> Credit: 1.0 Prerequisite: Drawing & Painting 2 or Sculpture/Ceramics 2 <b>and</b> instructor approval
<p>This art history course is equivalent to a two-semester introductory college course exploring topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, AP Art History fosters in-depth, holistic understanding of the history of art from a global perspective. You will become an active participant in the global art world, engaging with its forms and content as you experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.</p>	<p>This course is designed to challenge the advanced student. Your attention to detail and craftsmanship will produce a portfolio that may earn you college credit. You will choose to develop a portfolio in drawing, 2D, or 3D design. AP Art Studio adheres to the College Board curriculum for the course workload. You will submit your portfolio to College Board in May. <i>This course may be repeated for multiple portfolio submissions.</i></p>
<ul style="list-style-type: none"> <li>This course is required for the <i>International</i> endorsement in the Renaissance Learning Career Academy.</li> <li>This <b>capstone course</b> is graded on a 5.0 scale.</li> </ul>	<ul style="list-style-type: none"> <li>This <b>capstone course</b> is graded on a 5.0 scale.</li> </ul>

### Manufacturing & Engineering Technology

Manufacturing & Engineering Technology classes will teach you how to build with tools like lasers, CNC machines, table saws, and even fiberglass and carbon fiber. In the beginning years you will learn how to build and design with wood, then composites, and put it all together in a capstone project your senior year. Earn college credit while doing all of this. Get started in what could be your future business, or learn a great new hobby that you can use around the house for years to come.

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## Manufacturing &amp; Engineering Technology Course Progression



## Manufacturing &amp; Engineering Courses

**Introduction to Engineering AA300SSC**

Length: Year

**Grades: 9-12**

Credit: 1.0

NCAA Approved

Prerequisite: None

In this course you will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Working individually and in teams, you will design solutions to a variety of problems using 3D modeling software and documenting your work in an engineering notebook. You will be encouraged to think creatively as you work on a variety of projects using real-world engineering practices to accomplish your goals. *This course follows the [Project Lead the Way](#) curriculum.*

- This course is required for the *Pre-Engineering* and *Robotics* endorsements in the Industrial & Engineering Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Metals Technology 1 AA600SFA**

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: None

This course will introduce you to welding and fabrication. You will learn welding and shop safety; theory of welding process; welding-related math skills; GMAW, SMAW, and OA welding; plasma torch operation; and other machining operations. In order to complete this course, you must complete a prescribed number of welds in each process.

*Manufacturing & Engineering Courses (continued)***Metals Technology 2 AA601SFA**

Length: Year

**Grades: 10-12***Dual Credit Course*

Credit: 1.0

Prerequisite: Grade of C or higher in Metals Technology 1 or instructor approval

In this skills-based course, you will build upon your welding skills developed in Metals 1. Students will develop their skills welding out of position using GMAW and SMAW. Students will learn metal preparation and welding skills for multi pass welding. Students will learn basic safety and skills for GTAW. Students will learn and practice basic CNC Plasma design and fabrication. You will continue to expand your skills and abilities while working toward a welding certificate, if desired.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Agriculture Mechanics & Technology* endorsement in the Industrial & Engineering and Agriculture Science Systems Career Academies.

**Metals Technology 3 AA605SFA**

Length: Year

**Grades: 11-12***Dual Credit Course*

Credit: 1.0

Prerequisite: Grade of C or higher in Metals Technology 2 or instructor approval

In this skills-based course, you will build upon your welding, fabrication, and design skills developed in Metals 2. Students will apply their GMAW, SMAW, GTAW, and/or CNC Plasma techniques to design and fabricate small scale projects. All projects must be instructor improved. Students can practice and attempt their welding certification exam if they choose.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Metals Technology 4 AA606SFA**

Length: Year

**Grade: 12**

Credit: 1.0

Prerequisite: Grade of C or higher in Metals Technology 3 or instructor approval

This is a project-based course. The students and instructor will collaborate to approve and design projects. Projects can include small or medium construction. Projects can also include developing specific welding techniques on selected welding process. Students can practice and attempt their welding certification exam if they choose.

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Woodworking 1 AA900SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

Open to all students, this class will introduce you to the basic drawing, design, and manufacturing techniques used in the workplace today. Through building the designs you draw, you will gain an understanding of design perspectives and assembly procedures. You will learn the safe and correct use of hand and power tools along with good design techniques. In this course you will be assessed on projects completed as well as on your personal work ethic. All building is completed with wood; you keep the projects you make. By the end of this course you will be able to use routers, table saws, chop saws, band saws, and more.

**Woodworking 2 AA901SFA**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Grade of C or higher in Woodworking 1 **and** instructor approval*Dual Credit Course***OR** beginner with instructor approval

In this class you will continue building on the skills you learned in previous courses. Manufacturing techniques will include cabinet construction, along with blueprint reading and design. The curriculum includes both required and independent projects. Instructor-approved projects or program-based projects will require you to have a high degree of personal responsibility, a strong work ethic, and problem-solving skills. You will also need to be a self-starter with the ability to work independently.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay associated fees.
- This course is required for the *Manufacturing & Engineering Woods* endorsement in the Industrial & Engineering Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

*Manufacturing & Engineering Courses (continued)***Woodworking 3 AA902SFA**

Length: Year

**Grades: 11-12***Dual Credit Course*

Credit: 1.0

Prerequisite: Grade of C or higher in Woodworking 2 **and** instructor approval

In this course you will continue learning manufacturing techniques and develop your skills on the CNC router. The curriculum includes both required and independent projects. We will focus on refining and improving skills and looking outward to businesses in the community that are in similar trades.

- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees
- This course is required for the *Manufacturing & Engineering Woods* endorsement in the Industrial & Engineering Career Academy.

**Woodworking 4 AA903SFA**

Length: Year

**Grade: 12**

Credit: 1.0

Prerequisite: Grade of C or higher in Woodworking 3 **and** instructor approval

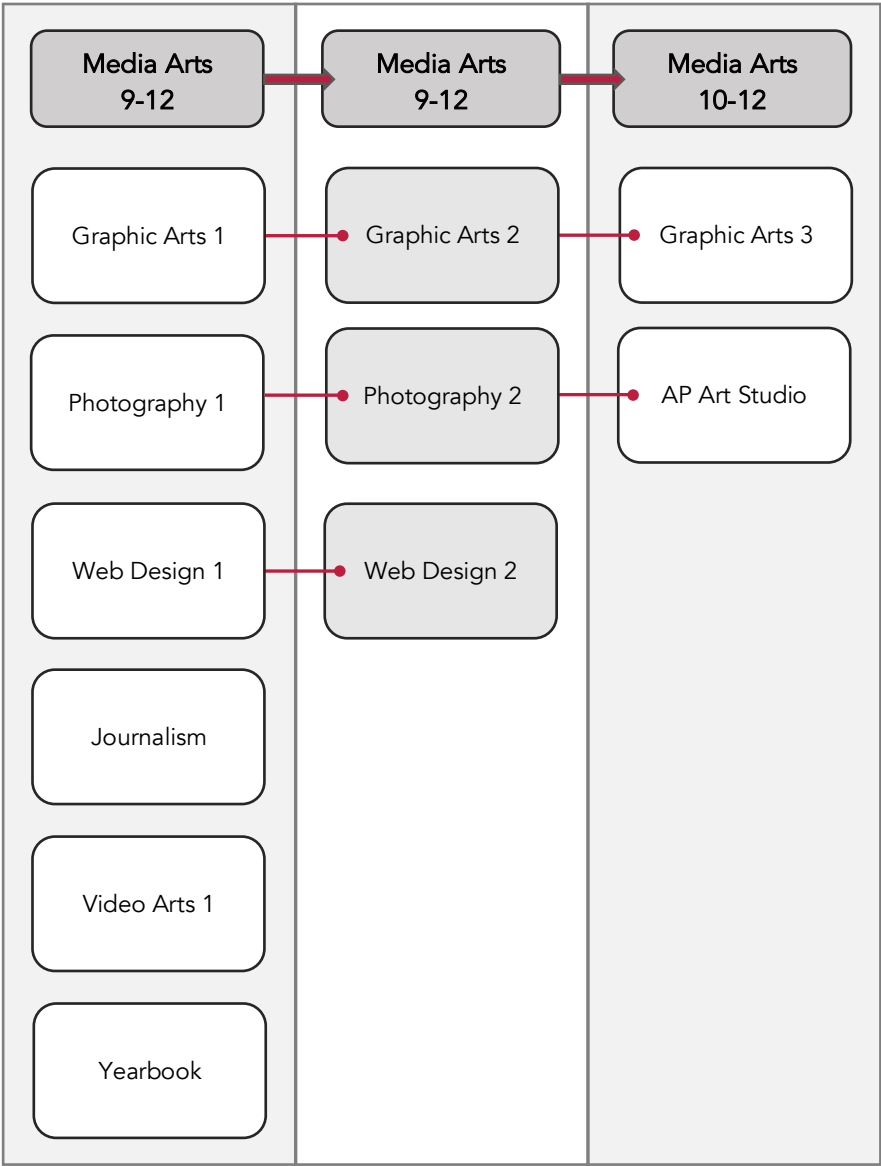
In Woodworking 4, you will be working independently and designing your own projects or projects for others. We may incorporate market evaluation of your project, in order to assess its viability on the open market. You will learn how production manufacturing works and see if you have what it takes to produce and sell on the open market.

Media Arts

Enter the digital age by taking a Media Arts class! In these courses, you will learn new skills and techniques in many different digital disciplines. Using technology and computers, you will be creating your own designs, artwork, websites, publications, and films. Programs covered in these classes include Adobe Illustrator, Photoshop, eDesign, iMovie, and web page coding. These digital skills are excellent additions to resumes!

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Media Arts Course Progression





## Media Arts Courses

**Graphic Arts 1 FA400SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

In this course, you will explore the elements and principles of graphic design. Using the Adobe Creative Suite, you will explore beginning, intermediate, and advanced levels of computer graphic design and multimedia. Class projects, presentations, and critiques will be modeled after real-life design applications. The overall emphasis will be on creating a rigorous classroom environment and following industry standards as we train on software and complete projects.

- This course is required for the *Production: Publications*, *Visual Arts: Graphic Arts/Media*, and *Visual Arts: Studio Arts* endorsements in the Arts & Communications Career Academy and the *Computer Information Systems* endorsement in the Business & Management Career Academy.

**Graphic Arts 2 FA401SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Grade of C or higher in Graphic Arts 1 or instructor approval

This course is designed for students who are highly skilled with Adobe Illustrator and possess a high level of understanding of design elements and principles. You and your classmates will function as an in-school design firm, offering skills and services to create materials for school clubs, teams, and staff. Additional coursework is student-directed and requires the ability to problem-solve, work without direct instruction, and meet long-term deadlines. Graphic Arts 2 will emphasize the ability to communicate with clients and be able to present ideas and concepts in a clear fashion. Although high-level skills are required, the class focus is on working as a team, expressing creativity, and having fun!

- This course is required for the *Production: Publications* and *Visual Arts: Graphic Arts/Media* endorsements in the Arts & Communications Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Graphic Arts 3 FA403SFA9**

Length: Semester

**Grades: 11-12**

Credit: 0.5

Prerequisite: Grade of C or higher in Graphic Arts 2 or instructor approval

In Graphic Arts 3 you will continue to use the elements and principles of art as you create independent passion projects. Through your work on schoolwide graphic design projects like posters and spirit wear, you will build upon your Adobe Illustrator skills and create a portfolio you can use to apply to jobs and colleges. This course emphasizes creating thumbnails and planning strong, thoughtful design.

**Journalism LA322SEL9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

Learn about the law and ethics of journalism! We will learn interview techniques and how to write news, features, sports stories, and editorials. Learn how to take great photos and use them effectively. Learn brainstorming techniques, copy editing, layout, and publishing.

**Photography 1 FA600SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Supply own digital camera and thumb drive; pay for your own prints. Discuss camera requirements with instructor.

This course is a study of photography, with focus on technique, composition, and editing. Using a digital camera and software such as iPhoto and Photoshop, you will learn basic camera operation, design, photo editing, and methods for downloading, transferring, and printing digital images. You will create, edit, post, and share digital and printed images.

- This course is required for the *Production: Photography*, *Production: Videography*, and *Visual Arts: Graphic Arts/Media* endorsements in the Arts & Communications Career Academy.

*Media Arts Courses (continued)***Photography 2 FA601SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Grade of C or higher in Graphic Arts 1 or instructor approval

This course is designed for students who are highly skilled with Adobe Photoshop and have a high level of understanding of photographic technique and composition. You will explore personal themes and photo essays and further practice digital editing and photo manipulation. Professional portfolio development will be an integral part of the class. Coursework is student-directed and requires the ability to problem-solve, work without direct instruction, and meet long-term deadlines.

- This course is required for the *Production: Photography* and *Production: Videography* endorsements in the Arts & Communications Career Academy.

**Video Arts 1 AA800SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Photography 1 or instructor approval

Become an amateur filmmaker in this fun and creative class! Preserve family memories or create a project to supplement your other classwork. You will learn basic video filming and editing techniques to create several short films including news stories, documentaries, and a music video. Working independently and in teams, you will plan, film, edit, and produce several finished film projects.

- This course is required for the *Production: Photography* and *Production: Videography* endorsements in the Arts & Communications Career Academy.

**Web Design 1 AA210SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

Interested in learning how to make a web page? This course will teach you the fundamentals of web design. You will learn how to create HTML documents (basic web pages); format text; use design elements and principles; insert graphics and links; create forms; and work with tables, marquees, and frames. In order to be successful in this course, you need to have the ability to work independently and meet deadlines.

- This course is required for the *Visual Arts: Graphic Arts/Media* endorsement in the Arts & Communications Career Academy and the *Computer Information Systems* endorsement in the Business & Management Career Academy.

**Web Design 2 AA211SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Web Design 1 or instructor approval

Work as a web designer! In this course you will move beyond basic HTML and work with authoring systems and software to design and create sites. We will review web design concepts and analyze various sites. With an emphasis on planning, time management, organization, and creativity, you will build and maintain sites for groups and function as a web design firm.

**Yearbook LA334SEL**

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: Photography 1 or instructor approval

This course introduces the basics of photojournalism, including historical, ethical, legal, and aesthetic issues. You will develop skills in photographing portraits, features, activities, and sports for the yearbook. In addition to photography, you will participate in various areas of publication, including interviewing, writing, editing, computer-generated layout design, advertising, and business management.

- This course is required for the *Production: Publications* endorsement in the Arts & Communications Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

## AP Media Arts Course

**AP Art Studio FA521AFA**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Photography 2 **and** instructor approval

This course is designed to challenge the advanced student. Your attention to detail and craftsmanship will produce a portfolio that may earn you college credit. You will choose to develop a portfolio in drawing, 2D, or 3D design. AP Art Studio adheres to the College Board curriculum for the course workload. You will submit your portfolio to College Board in May. *This course may be repeated for multiple portfolio submissions.*

- This **capstone course** is graded on a 5.0 scale.

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**PE & Health**

Over 2,000 years ago, the Greek philosopher Plato observed, "Physical fitness and mental fitness go hand in hand." With that tenet in mind, the PE and Health departments offer opportunities to develop and strengthen your body and your mind. **Please note: Refundable lock fees may apply in all PE classes.**

## PE Courses

**Basketball 1 PE202SPE9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

Basketball 1 is for the general PE student who wants to learn or improve their basic basketball skills and fitness level. Increasing your fundamental skill in dribbling, passing, shooting, and footwork will help you become a more successful recreational player. You will learn the basic rules and history of the game, along with basic offensive and defensive game strategies. We'll play a variety of games, contests, and tournaments to practice your improved skills.

**Basketball 2 PE203SPE9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Instructor approval

**This advanced class is highly competitive!** Basketball 2 is for the serious and motivated student-athlete. This demanding class will focus on advanced basketball fundamentals, agility and quickness activities, and weight training. Throughout the course, we will develop individual and team concepts for offense and defense.

**Conditioning 1 PE300SPE9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

In this beginning conditioning class, weight training is supplemented with plyometric, speed, aerobic, and agility training. *This course may be repeated for credit.*

**Court Sports PE207SPE9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: PE 1 **and** instructor approval

**This advanced class is highly competitive!** Court Sports is for students who are driven to improve skill and knowledge through drill rehearsal and competition. Throughout each unit, you will be assessed on skill development, application of game strategies, and teamwork. You will be required to articulate the components of assessed skills and show mastery of game terminology and rules by applying them during officiating duties and/or passing written exams.

PE Courses (continued)	
<p><b>Female Weight Training PE314SPE9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <p>This class is designed for female students who want to increase strength, speed, and agility but who don't want to be part of a traditional conditioning class. In each class you can expect to work toward making gains through weight training, plyometrics, agility drills, speed work, flexibility, and core development. You will learn proper lifting, safety, and spotting techniques.</p>	<p><b>Low Impact PE/Aerobics PE219SPE9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <p>This course is designed for students who do not want to take a traditional PE course but want to be active in a non-competitive environment. We will be outdoors most of the time, occasionally off campus, but all activities will start and end on campus. Low-impact club-type activities, primarily walking-based, will introduce you to cardio fitness, flexibility, and strengthening; promote aerobic principles; and give you the opportunity to learn and practice pedestrian and cardio fitness safety and etiquette.</p>
<p><b>PE 1 PE100SPE9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <p>In this course you will experience individual lifetime physical fitness skills. In addition to improving your fitness level, you will participate in—and learn rules, skills, and strategies of—soccer, volleyball, badminton, pickleball, basketball, football, tennis, softball, mat games, Frisbee games, golf, and weight training.</p>	<p><b>PE 2 PE101SPE9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: PE 1</p> <p>PE 2 builds on the foundation of skills and concepts you learned in PE 1. You will continue to work toward improving or maintaining your current fitness level as you build skills and strategies in a variety of games. Units may include any combination of soccer, volleyball, badminton, pickleball, basketball, football, tennis, softball, Frisbee games, golf, weight training, floor hockey, team handball, and lacrosse.</p>
<p><b>Power Training PE304SPE9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <p>Power Training is designed for the serious student-athlete who would like to increase his or her overall dynamic strength and conditioning and is prepared to become a more dynamic athlete through hard work. Advanced and intensive daily workouts will help build your cardiovascular endurance, muscle strength, muscular endurance, and flexibility. You will learn what it takes to train at a competitive level to enhance your well-being and athletic performance. <i>This course is intended for athletes who are currently engaged in sports or other serious activities.</i></p>	<p><b>Sports Medicine/Athletic Training PE403SEL9</b> Length: Semester</p> <p><b>Grades: 10-12</b> <i>Elective Credit Course</i></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <p>This course focuses on sports- and fitness-related aspects of the rapidly growing health careers field. You will learn about injury prevention and evaluation, recognition and rehabilitation of common athletic conditions, human anatomy and physiology, and medical terminology. Scheduled class hours include a required internship that provides additional learning in high school training rooms, physical therapy clinics, and hospital settings, as well as in specialty areas such as massage therapy, occupational therapy, chiropractics, fitness, nutrition, and other medical fields. Upon successful completion of this course, you will receive American Red Cross and First Aid certifications. <i>A passing grade in Sports Medicine/Athletic Training results in 0.5 elective credit, not PE credit.</i></p> <ul style="list-style-type: none"> <li>This course is required for the <i>Sports Medicine</i> endorsement in the Health Services Career Academy.</li> </ul>

## PE Courses (continued)

**Sport Psychology 2 PE415SEL9**

Length: Semester

**Grades: 10-12***Elective Credit Course*

Credit: 0.5

Prerequisite: None

Sport Psychology 2 will build on the skills and knowledge you gained in Sports and Exercise Psychology. This course consists of sports psychology theory and practice. Theory will be centered around enhancing health and well-being and facilitating psychological growth and development. Practice will consist of applying mental skills to various PE activities. *A passing grade in Sport Psychology 2 results in 0.5 **elective** credit, not PE credit.*

## Health Courses

**Health 1 HE100SH19**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

This course will expose you to factual information in the areas of a healthy and fit body, controllable health risks, safe and healthy environment, and healthy interpersonal relationships. You will be required to demonstrate proficiency in Oregon's Essential Skills. These skills may include reading and interpreting a variety of texts, writing for a variety of purposes, speak and present publicly, apply mathematics in a variety of settings, use technology, think critically and analytically (including scientific inquiry), demonstrate civic and community engagement and global literacy, and career-related learning standards.

**Health 2 HE101SH29**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: None

You will learn factual information that will prepare you to make decisions about health-related matters. This course will study nutrition, physical fitness, non-communicable disease, substance abuse, and healthy relationships in greater depth than in Health 1. You will be required to demonstrate proficiency in Oregon's Essential Skills. These skills may include reading and interpreting a variety of texts, writing for a variety of purposes, speak and present publicly, apply mathematics in a variety of settings, use technology, think critically and analytically (including scientific inquiry), demonstrate civic and community engagement and global literacy, and career-related learning standards.

**Sports and Exercise Psychology PE401SH29**

Length: Semester

**Grades: 10-12***Dual Credit Course*

Credit: 0.5

Prerequisite: None

This course introduces a broad range of topics relevant to sports and exercise psychology. You will learn about sports personality, motivation, psychological skills training, energy management, attention, imagery, competitive anxiety, and mental relaxation. Skills can be applied by—and are relevant to—coaches, athletes, health and fitness professionals, and others interested in the psychology of sports and physical activity. Sports & Exercise Psychology will include projects related to current research in the field, field observations, sports films, ping-pong, and team dynamics. *Completion of this course earns 0.5 Health 2 credit.*

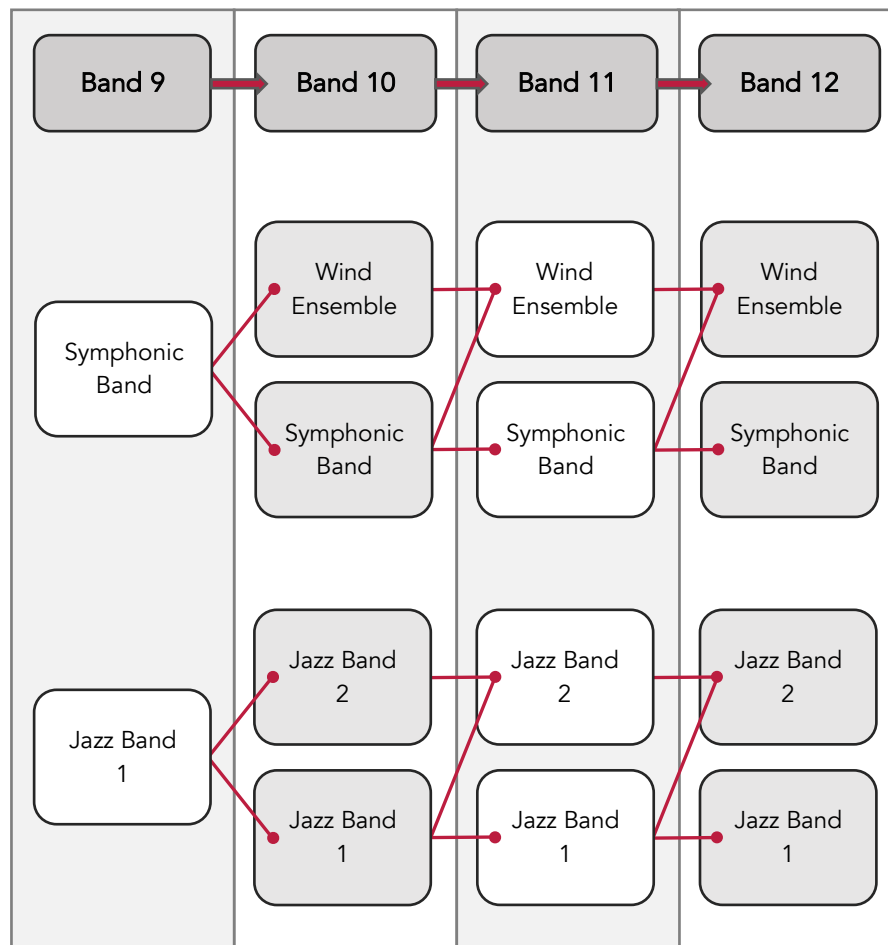
- Oregon college credit may be available for this class. Work with the teacher to coordinate college credit and pay any associated fees.
- This course is required for the *Sports Medicine* endorsement in the Health Services Career Academy and the *Psychology* endorsement in the Human Resources Career Academy.

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### Performing Arts

Performing Arts at MVHS is a dynamic program that includes multiple band, orchestra, and choir ensembles, as well as theater arts and music classes. Develop your instrumental, vocal, and performance skills through in-class instruction and practice before performing at school events and local and regional competitions. Learn to sight-read and even compose your own music. Take part in a Cougar Co. production, either on stage or behind the scenes. Whether you want to sing, play an instrument, act, or create electronic music, you'll find a place in the Performing Arts program!

#### Band Course Progression



#### Band Audition and Enrollment Notes

Jazz Band 2 and Wind Ensemble require auditions.

Enrollment in Jazz Band requires concurrent enrollment in Symphonic Band or Wind Ensemble, depending upon the instrument played.

*Band Courses***Jazz Band 1 FA835SFA**

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: Previous band experience or instructor approval

This performance group will give you the opportunity to perform various jazz styles such as swing, funk, and Latin music, with a focus on small groups. You will perform one concert during the first semester and two concerts during the second semester. No prior jazz experience is required. You must be a member of the symphonic band to be eligible for this class; exceptions are made for non-concert instruments (contact Band Director for exceptions). **Please note: All performances are required.**

**Jazz Band 2 FA836SFA**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Audition required

In this audition-based honors jazz band, you will study a wide variety of jazz styles by performing music of a moderate to difficult ability level at a rigorous performance pace. You will perform two concerts and one festival during the first semester; and three concerts and one festival during the second semester. You will also have the opportunity to perform jazz and pop styles of music in small group combo settings at home basketball games. You must be a member of the symphonic band to be eligible for this class; exceptions are made for non-concert instruments (contact Band Director for exceptions). **Please note: All performances are required.**

**Symphonic Band FA834SFA**

Length: Year

**Grades: 9-12**

Credit: 1.0

Prerequisite: None

Symphonic Band welcomes all students who would like to be part of the Mountain View band program. In this course you will work toward group and individual musicianship. We will perform in a variety of settings, including formal concerts, pep band gigs, parades, an adjudicated festival, and other events as scheduled. Previous band experience helpful but not required. **Please note: All performances are required.**

**Wind Ensemble FA839SFA**

Length: Year

**Grades: 10-12**

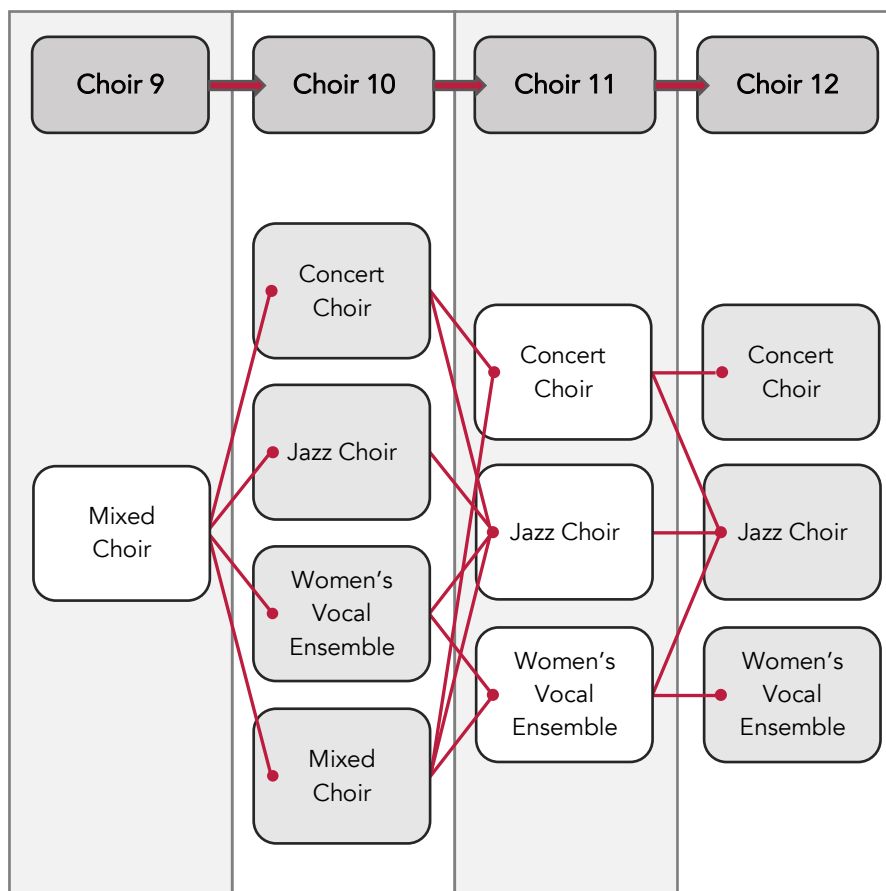
Credit: 1.0

Prerequisite: Previous band experience **and** audition required

Wind Ensemble is the core of the Mountain View band program. You will spend the fall rehearsing and performing music in the grandstands at home football games. You will perform in a concert setting once in the first semester; the entire second semester will be spent studying and performing music as a symphonic band. You will also perform in two concerts and two festivals during the second semester. Throughout the year you will perform at school and community events. **Please note: All performances are required.**

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Choir Course Progression



**Choir Audition and Enrollment Notes**

Concert Choir and Jazz Choir require auditions; additionally, Jazz Choir requires a GPA of 2.0 or higher.

Enrollment in Jazz Choir requires concurrent enrollment in Concert Choir.



## Choir Courses

**Concert Choir FA903SFA**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Audition or instructor recommendation

In this auditioned class, you will study voice production and sight reading with an emphasis on advanced music literature for soprano, alto, tenor, and bass (SATB) music. A choir robe will be provided. **Please note: All performances are required.**

**Jazz Choir FA905SFA**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Audition **and** concurrent enrollment in Concert Choir **and** GPA of 2.0 or higher

Jazz Choir (*Andante*) is a select, auditioned performing group consisting of a limited number of singers (24) and up to four instrumentalists. You will study music from the jazz, classical, pop, and ethnic genres, with an emphasis on performance and competition. **Please note: All performances are required. Wardrobe purchase is required, but there will be multiple opportunities for fundraising. This course requires travel, a fall retreat, and off-campus performances.**

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Mixed Choir FA904SFA**

Length: Year

**Grades: 9-10**

Credit: 1.0

Prerequisite: None

In this performance class, you will study voice production and sight reading, with an emphasis on music literature for soprano, alto, tenor, and bass (SATB). Mixed Choir is a non-audition group and serves as a preparatory class for Women's Vocal Ensemble and Concert Choir. A choir robe will be provided. **Please note: Concert participation is required.**

**Women's Vocal Ensemble FA902SFA**

Length: Year

**Grades: 9-12**

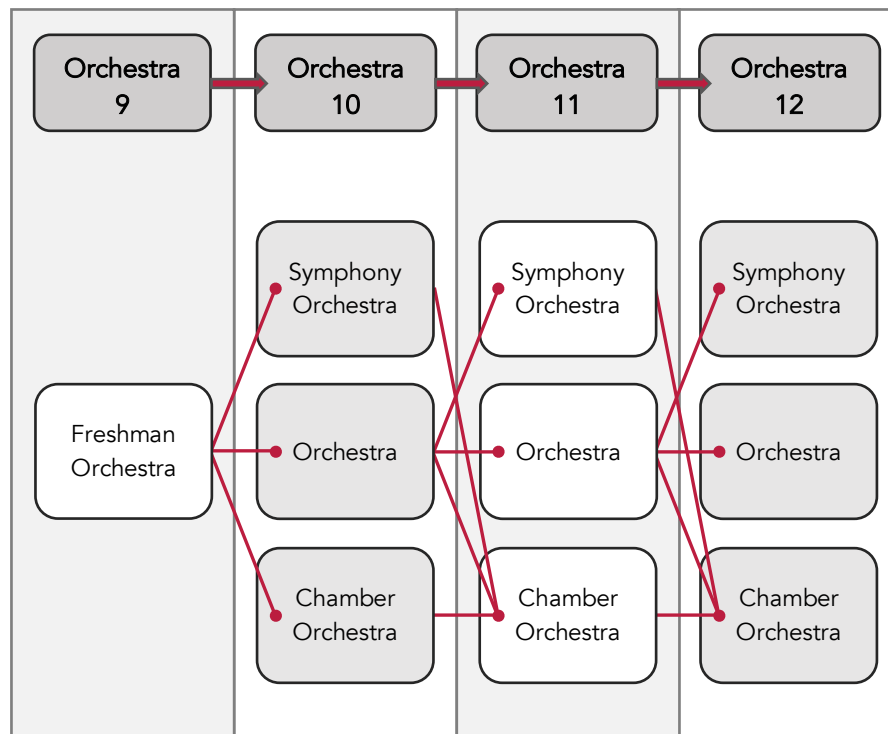
Credit: 1.0

Prerequisite: Mixed Choir or audition

In this course, you will study voice, technique, music, history, and languages. We will study both SA (one soprano section and one alto section) and SSA (first and second soprano sections and first and second alto sections) music. **Please note: All performances are required.**

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## Orchestra Course Progression



### Orchestra Audition and Enrollment Notes

An audition may be required for Orchestra. Chamber Orchestra requires an audition.

Enrollment in Symphony Orchestra requires concurrent enrollment in an instrumental large ensemble class.

## Orchestra Courses

### Freshman Orchestra FA856SFA

Length: Year

Grade: 9

Credit: 1.0

Prerequisite: Previous membership in a middle school or high school orchestra program or instructor recommendation

Freshman Orchestra will introduce you to the high school orchestra program. You will study and perform all genres of music. Course activities will include listening, analysis, music reading, discussion, sectional rehearsals, performance, and technique development. This class emphasizes individual playing and music theory knowledge. **Please note: All performances are required.**

### Chamber Orchestra FA852SFA

Length: Year

Grades: 10-12

Credit: 1.0

Prerequisite: Audition required

This advanced, auditioned course focuses on the study of chamber and string music from all time periods. You will play as a group in addition to forming smaller ensembles. Independent playing will be a major focus. You will perform three to five concerts and at least one festival during the year. In order to take this course, you must have one year of previous/concurrent enrollment or participation in a string orchestra or instructor approval. **Please note: Audition and a yearlong commitment are required.**

*Orchestra Courses (continued)***Orchestra FA851SFA**

Length: Year

**Grades: 10-12**

Credit: 1.0

Prerequisite: Previous membership in a middle school or high school orchestra program or instructor recommendation; audition may be required

This course is devoted to the study and performance of string and symphonic orchestra music. You will study and perform baroque, classical, romantic, contemporary, and popular styles of music. Course activities include listening, analysis, music reading, discussion, sectional rehearsals, performance, and technique development. **Please note: All performances are required.**

**Symphony Orchestra FA855SFA**

Length: Year

**Grades: 10-12**

Credit: 0.5

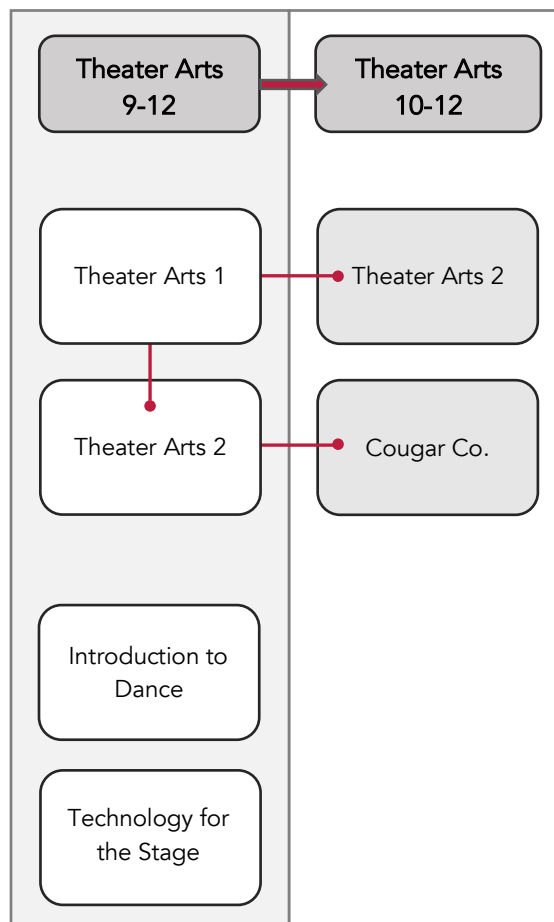
Prerequisite: Concurrent enrollment in an instrumental large ensemble class

This performance class is designed to integrate the band and orchestra students into a full symphony. You will perform three to five times during the year, including competitive festival performances. This will be an opportunity for you to explore a range of literature that is not available to band or orchestra ensembles.

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

*Theater Arts Course Progression*

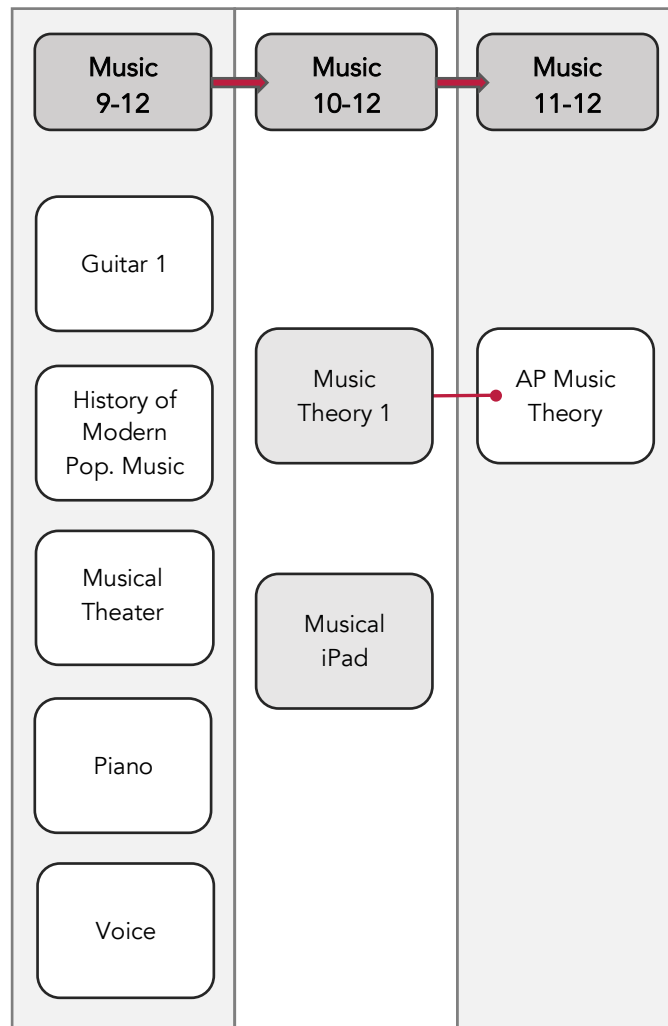
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Theater Arts Courses	
<b>Cougar Co. FA731SFA</b> Length: Year <b>Grades: 10-12</b> Credit: 1.0 Prerequisite: Theater Arts 1 <i>and</i> audition required	<b>Introduction to Dance FA703SFA9</b> Length: Semester <b>Grades: 9-12</b> Credit: 0.5 Prerequisite: None
Cougar Co. is a yearlong touring production class. The class selects or creates scripts, rehearses and designs a one-act production in the first semester and then tours the production to local schools or other venues during the spring semester. You must have taken Theater Arts 1 and audition/interview to be admitted into this course.	Introduction to Dance is designed to give the musical theatre performer the essential training in various dance techniques, an understanding of the structure behind stage choreography, and an insight into the necessary showmanship and performance of that choreography. You will explore various dance styles through technical training and explore their historical context and artistic impact on the musical theatre genre. Throughout the semester, you will engage in comprehensive technique and training practices as well as prepare performance pieces in a variety of musical theatre dance styles.
<ul style="list-style-type: none"> <li>This course is required for the <i>Composition: Dramatic Composition &amp; Playwriting</i> endorsement in the Arts &amp; Communications Career Academy.</li> <li>You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>	
<b>Technology for the Stage FA710SFA9</b> Length: Semester <b>Grades: 9-12</b> Credit: 0.5 Prerequisite: None	<b>Theater Arts 1 FA700SFA9</b> Length: Semester <b>Grades: 9-12</b> Credit: 0.5 Prerequisite: None
Get hands-on experience with set building, light design, and sound dynamics! You will design and build both model and functional sets for plays, as well as design and run lights for auditorium events. This course also covers sound systems and sound effects.	In this beginning theater course, you will study basic play analysis, stage direction, and acting techniques from improvisation, movement, and mime to memorized scenes. This course emphasizes acting and communication skills and includes an in-depth study of theater history.
<ul style="list-style-type: none"> <li>You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>	<ul style="list-style-type: none"> <li>You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.</li> </ul>
<b>Theater Arts 2 FA701SFA9</b> Length: Semester <b>Grades: 9-12</b> Credit: 0.5 Prerequisite: Grade of C or higher in Theater Arts 1 <i>and</i> instructor signature <i>May be repeated for credit</i>	
Theater Arts 2 offers an in-depth study of character analysis and advanced work in both presentational and representational acting. You will be involved in situations that are designed to strengthen your creative abilities and increase your understanding of the dramatic process. This course emphasizes physical movement and expression while developing appropriate vocal and breath control.	
<ul style="list-style-type: none"> <li>This course is required for the <i>Composition: Dramatic Composition &amp; Playwriting</i> endorsement in the Arts &amp; Communications Career Academy.</li> </ul>	

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## Music Course Progression



## Music Courses

**Guitar 1 FA820SFA9**

Length: Semester

**Grades: 9-12**

Credit: 0.5

Prerequisite: Must provide own instrument and workbook

Learn the basics of guitar playing! You will learn to read music, apply classical technique to any style of playing, and a variety of chords. A musical background helps but is not required—anyone is welcome to join.

**History of Modern Popular Music FA800SFA9****Grades: 9-12**

Length: Semester

Credit: 0.5

Prerequisite: None

This course will cover the roots and progression of jazz and rock throughout the 20<sup>th</sup> Century. You will learn about various types of jazz and rock, innovators in each genre, and the connection between music and historical events.

Music Courses (continued)	
<p><b>Music Theory 1 FA810SFA9</b> Length: Semester</p> <p><b>Grades: 10-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <hr/> <p>In this introduction to music theory, you will study the fundamentals of music, including notation, reading music, scales, and chords, before moving on to more advanced concepts such as four-part choral-style writing, musical analysis, ear training, and sight-reading. Composition will be an integral part of this course. Neither musical experience nor instruments are required for this class. If you do not have previous experience reading music, consider taking this course as an optional prerequisite to AP Music Theory.</p> <hr/> <ul style="list-style-type: none"> <li>This course is required for the <i>Composition: Music</i> and <i>Production: Sound Reinforcement &amp; Recording</i> endorsements in the Arts &amp; Communications Career Academy.</li> </ul>	<p><b>Musical iPad FA897SFA9</b> Length: Semester</p> <p><b>Grades: 10-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: Prior experience with performance on an instrument or with creating electronic music</p> <hr/> <p>In this course you will use the iPad to explore multiple phases of musical production, including basic music theory, composing, performing, recording, mixing, and publishing student-created music. You will be performing vocal or instrumental music as part of the class, with an emphasis on music created with bass, drums, vocals, electronics, and keyboards.</p> <hr/> <ul style="list-style-type: none"> <li>This course is required for the <i>Production: Sound Reinforcement &amp; Recording</i> endorsement in the Arts &amp; Communications Career Academy.</li> </ul>
<p><b>Musical Theater FA706SFA9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <hr/> <p>This student-directed course will culminate in a (required) performance. You will prepare vocal auditions, memorize stage scenes from musicals, costume, choreograph, and create a musical review. Peer interaction, enthusiasm, and commitment are musts. No experience is necessary!</p>	<p><b>Piano FA840SFA9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <hr/> <p>This course is designed for beginning to intermediate piano students. Class will include technical applications, music theory, group keyboard instruction, and some one-on-one lesson time with the instructor. <i>This course may be repeated for credit.</i></p>
<p><b>Voice FA924SFA9</b> Length: Semester</p> <p><b>Grades: 9-12</b></p> <p>Credit: 0.5</p> <p>Prerequisite: None</p> <hr/> <p>This course will help you prepare for solo vocal competitions, including the regional and state contests. No previous experience is necessary. You will work in a class setting as well as prepare solos and work on vocal technique. Foreign languages are included in Voice study. <i>This course may be repeated for credit.</i></p>	

## AP Music Course

**AP Music Theory FA809AFA**

Length: Year

**Grades: 11-12**

Credit: 1.0

Prerequisite: Must be able to confidently read music

AP Music Theory corresponds to two semesters of a typical introductory college music theory course. This course will focus on aural training, musical dictation, keyboard harmony, musical analysis, part-writing/counterpoint, listening skills, and notation. Performances will be part of the learning process. **Please note: Previous experience reading music is required. If you are not confident with your music reading skills, take Music Theory 1 first.**

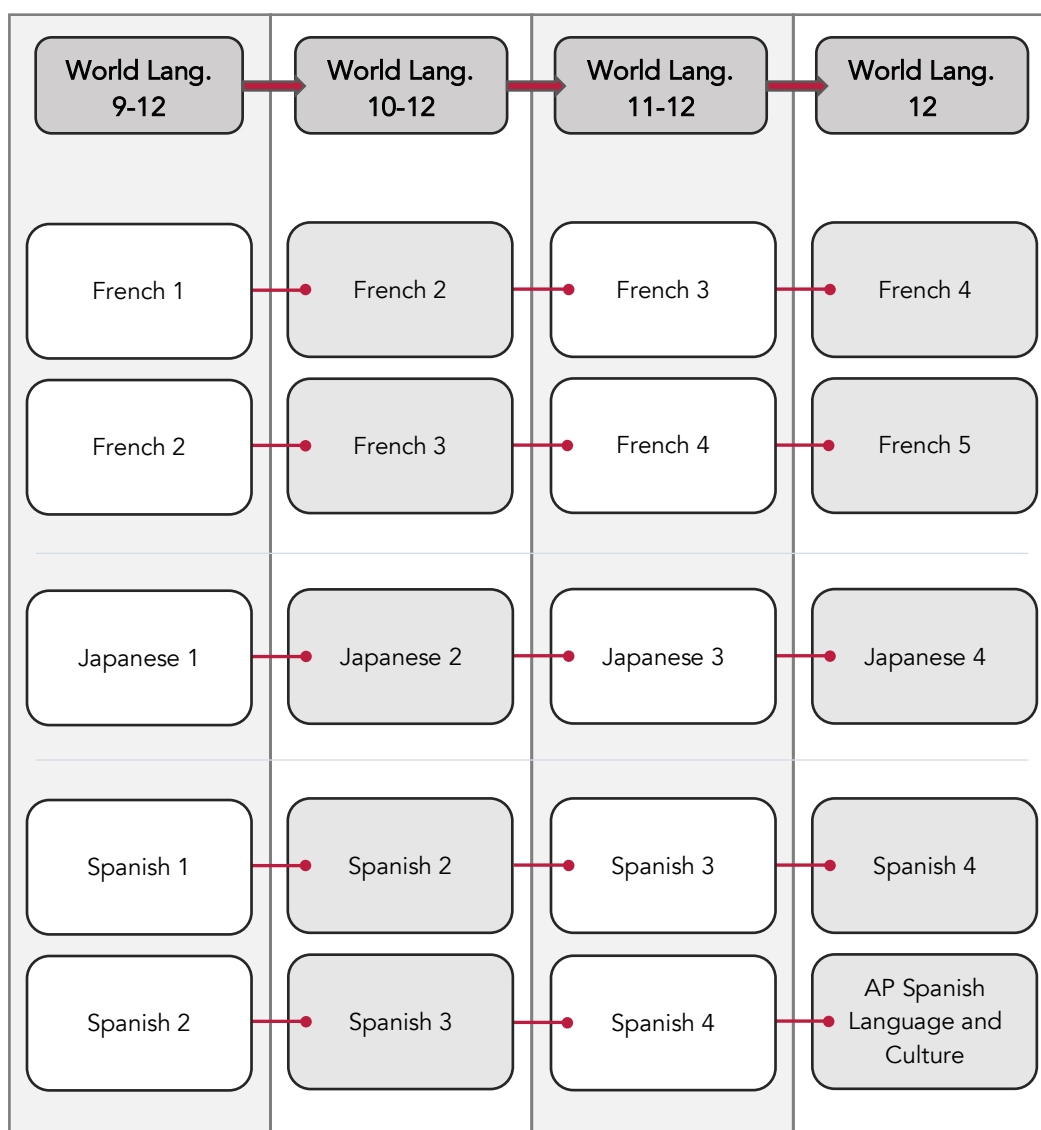
- This course is required for the *Composition: Music* endorsement in the Arts & Communications Career Academy.
- This **capstone course** is graded on a 5.0 scale.

## World Languages

The ability to communicate in another language is an incredibly useful skill in this increasingly interdependent world. A growing number of job opportunities hinge upon proficiency in more than one language. The Oregon university system requires a minimum of two years of study in the same world language. Three or more years of study in the same language may be required or strongly recommended for colleges or universities outside of Oregon.

MVHS offers in-depth study in four world languages: Chinese, French, Japanese, and Spanish. You must demonstrate level-specific language proficiency in order to proceed to the next level of study.

### World Languages Course Progression





## World Language Courses

**French 1 FL201SFA**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Prerequisite: None

This interactive course is designed as an introduction for students who have no prior French learning experience. Through engaging and collaborative activities, you will acquire a variety of expressions and vocabulary to communicate about yourself, friends, family, school, food and leisure activities in French. You will use authentic resources such as infographics to develop your cultural understanding of various francophone cultures. From French school systems to authentic food advertisements and menus, you will aim to develop written and oral proficiency at a novice-high level.

**French 2 FL202SFA**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Prerequisite: French 1

This course serves as a continuation and expansion of skills acquired in French 1. You will acquire a variety of additional expressions and vocabulary to describe yourself and others, celebrations and traditions, housing, shopping and clothing, vacations, and your community in French. You will study cultural products and perspectives of Martiniquais, Québécois, and French communities. You will develop written and oral proficiency at a novice-high to intermediate-low level.

**French 3 FL203SFA**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: Grade of B or higher in French 2 or instructor approval

This course serves to further solidify and build upon the foundational skills acquired in French 1 and 2. You will acquire additional expressions and vocabulary to communicate more in-depth about current events, health, communities, daily life, customs, and traditions across the French-speaking world. You will examine cultural celebrations in Montréal, the Caribbean, and France by learning about Carnaval. Additionally, you will have the opportunity to acquire language to discuss the environment and current global issues. You will aim to perform at an intermediate-mid level.

**French 4 FL204SFA**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Dual Credit Course

Prerequisite: Grade of B or higher in French 3 or instructor approval

This course serves to further solidify and build upon the skills acquired in French 1, 2, and 3. You will acquire more complex expressions and vocabulary to communicate even further in-depth about current events, lifestyles, art, personal relationships, workplaces, and environments across the French-speaking world. From exploring culture and customs in African French-speaking countries to learning how to communicate about different styles of art in the French speaking world, you will develop oral and written proficiency at an intermediate-advanced level.

*World Language Courses (continued)***French 5 FL205SFA**

Length: Year

**Grades: 9-12***NCAA Approved*

Credit: 1.0

Prerequisite: Grade of B or higher in French 4 or instructor approval

This course is designed to help you improve and refine in all domains of communication, including reading, speaking, listening, and writing. You will regularly listen to and read news broadcasts from various French-speaking countries, and we will do in-depth exploration of a specific French-speaking region. This class will explore the themes of beauty, identity, family, global challenges, science and technology, and contemporary life. You will learn about these topics in order to make comparisons to your own culture and experiences. You will aim to perform at an advanced-low level.

**Japanese 1 FL501SFA**

Length: Year

**Grades: 9-12***NCAA Approved*

Credit: 1.0

Prerequisite: None

In the first year of Japanese class, you will learn the language required to talk about yourself, your school environment, your family life, and the geography of Japan. You will learn the first two alphabets of the Japanese writing system, along with 50 kanji characters. Activities in calligraphy, origami, and Japanese cuisine will expose you to Japanese culture. Guest speakers will lead discussion on subjects ranging from business and school life to travel.

**Japanese 2 FL502SFA**

Length: Year

**Grades: 9-12***NCAA Approved*

Credit: 1.0

Prerequisite: Grade of C or higher in Japanese 1

In this course you will build upon the goals and coursework introduced in Japanese 1 to create more realistic and natural communication styles. Reading and writing is entirely in Japanese (for example, hiragana, katakana, and kanji). You will learn additional kanji. We will continue to focus on the cultural aspects introduced in Japanese 1.

**Japanese 3 FL503SFA**

Length: Year

**Grades: 9-12***NCAA Approved*

Credit: 1.0

Prerequisite: Grade of C or higher in Japanese 1

This course will expand upon the foundations established in Japanese 1 and 2, leading you to greater proficiency in the language. You should be proficient in both reading and writing hiragana, katakana, and kanji before you enter Japanese 3. Through a greater emphasis on special projects, you will increase your understanding of cultural aspects introduced in Japanese 1 and 2.

**Japanese 4 FL504SFA**

Length: Year

**Grades: 9-12***NCAA Approved*

Credit: 1.0

Prerequisite: Grade of C or higher in Japanese 3

This course will build upon the foundations of polite and casual speech established in Japanese 3. You will be able to converse in everyday spoken Japanese; you will also be introduced to formal and very formal Japanese, as well as more kanji, with an emphasis on recognizing commonly used kanji in Japanese newspapers. We will build on cultural aspects emphasized in Japanese 2 and 3, with a sustained emphasis on special projects to advance your learning.

**Spanish 1 FL601SFA**

Length: Year

**Grades: 9-12***NCAA Approved*

Credit: 1.0

Prerequisite: None

This course is designed as an introduction for students who have no prior Spanish learning experience. You will acquire a variety of expressions and vocabulary through games and interactive activities to communicate about yourself, friends, school, food, and leisure activities in Spanish. From the Aztec Calendar and Day of the Dead to authentic food advertisements and menus, you will develop written and oral proficiency at a novice-high level.

*World Language Courses (continued)***Spanish 2 FL602SFA**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Prerequisite: Grade of C or higher in Spanish 1 or instructor approval

This course serves as a continuation and expansion of skills acquired in Spanish 1. Through games and interactive activities, you will acquire a variety of additional expressions and vocabulary to communicate about your own family, celebrations and traditions, housing, shopping, travel, and your community in Spanish. From exposure to traditional customs across the Spanish-speaking world and watching a Spanish drama to learning how to bargain for the best price and creating a postcard, you will develop written and oral proficiency at an intermediate-low level.

**Spanish 3 FL603SFA**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Prerequisite: Grade of B or higher in Spanish 2 or instructor approval

This course serves to further solidify and build upon the foundational skills acquired in Spanish 1 and 2. You will acquire additional expressions and vocabulary through games and interactive activities to communicate more in-depth about current events, health, communities, customs, and traditions across the Spanish-speaking world. From online shopping at Corte Inglés to virtual tours through the city of Madrid, you will develop written and oral proficiency at an intermediate level.

**Spanish 4 FL604SFA**

Length: Year

**Grades: 9-12**

NCAA Approved

Credit: 1.0

Prerequisite: Grade of B or higher in Spanish 3 or instructor approval

This course serves to further solidify and build upon the skills acquired in Spanish 1, 2, and 3. You will acquire more complex expressions and vocabulary to communicate even further in-depth about current events, lifestyles, art, personal relationships, workplaces, and environments across the Spanish-speaking world. From exploring national parks in Spanish-speaking countries and learning about Che Guevara's famous motorcycle trip through South America to art gallery tours and authentic Spanish job postings and resúmenes, you will develop oral and written proficiency at an intermediate-advanced level.

*AP World Language Course***AP Spanish Language and Culture FL610AFA**

Length: Year

**Grades: 10-12**

NCAA Approved

Credit: 1.0

Prerequisite: Grade of B or higher in Spanish 4 or instructor approval

This course is intended to prepare you for the AP Spanish Language and Culture exam in May. It is a year-long language-intensive class that focuses on listening, reading, writing, and speaking proficiency. We will explore a wide variety of authentic materials related to contemporary life, beauty and aesthetics, science and technology, families and communities, personal and public identities, and world issues from across the Spanish-speaking world in order to further enhance the skills you have already acquired. From following authentic recipes and preparing traditional plates to live debates covering an array of topics, you will be prepared to succeed on the AP Spanish Language and Culture Exam.

- This **capstone course** is graded on a 5.0 scale.

### School-to-Career

School-to-Career (STC) integrates relevant work experience into the academic process and creates broad opportunities for all students, whether college-bound or workforce-bound. Most STC programs are independent study courses that require you to be organized and proactive. Some programs, including Cadet Teaching and Cadet Health Care Giver, are offered at certain times of the year; others, such as job shadows, internships, and structured work-based opportunities, can be started at your request.

If you are interested in any of the programs outlined below, stop by A1 and see your School-to-Career Program Manager to sign up.

<i>Work-Based Learning</i>	
<b>Structured Work-Based Learning</b> <b>(Paid Work)</b> <b>Grades: 10-12</b> Length:      144 hours (Level 1)      Elective Credit: 0.5 144 additional hours (Level 2)      Elective Credit: 0.5 Prerequisite: None Do you have a job? Earn credit for your experience by demonstrating proficiency in career-related learning standards. In order to be awarded credit through Structured Work-Based Learning, you will be expected to complete a student workbook, compile hours, and complete an evaluation based on your career-related learning experience. <b>Please note: This is an independent study course. You will not be able to forecast for it and it will not be part of your class schedule. Work with your counselor and College &amp; Careers to plan this credit.</b>	<b>Structured Work-Based Learning</b> <b>(Non-Paid: Community Service or Volunteer Work)</b> <b>Grades: 10-12</b> Length:      72 hours (Level 1)      Elective Credit: 0.5 72 additional hours (Level 2)      Elective Credit: 0.5 Prerequisite: None Earn credit for community service or volunteer work! You can find volunteer opportunities in College & Careers; you can also enter the program if you have already secured a volunteer position on your own. In order to be awarded credit, you will be expected to complete weekly production reports, compile volunteer hours, type a reflection paper, and complete an evaluation based on your career-related learning experience. <b>Please note: This is an independent study course. Volunteer work must be for public service or humanitarian purposes and must meet the criteria set by the Oregon Bureau of Labor and Industries. You will not be able to forecast for it and it will not be part of your class schedule. Work with your counselor and College &amp; Careers to plan this credit.</b>
<b>Internship Program (Paid or Non-Paid)</b> <b>Grades: 10-12</b> Length:      72 hours (Level 1) Prerequisite: None Internships are designed to bridge academics and workplace learning. Your internship should be aligned with your proposed career pathway and provide a broader understanding in that area. You will be required to collaborate with the School-to-Career Program Manager and your employer on a series of projects designed to enhance your learning and the worksite. In order to be awarded credit, you will be expected to complete weekly production reports, compile internship hours, keep a journal of work duties and activities, type a reflection paper, and complete an evaluation based on your career-related learning experience. <b>Please note: This is an independent study course. You will not be able to forecast for it and it will not be part of your class schedule. Work with your counselor and College &amp; Careers to plan this credit.</b>	
Length: Semester Elective Credit: 0.5	

*Industry-Based Learning***Cadet Health Care Giver MD302SEL9**

Length: Semester

**Grades: 11-12**

Credit: 0.5

Prerequisite: Excellent attendance *and* reliable transportation

This program is designed to provide you with the opportunity to have a realistic experience in the field of health care. You will be assigned to a local health care facility where the primary focus will be on working with the facility's residents, including escorting them to and from activities, assisting staff with serving meals and other dining room activities, reading, and participating in social activities.

- This course is required for the *Health Care Giver* endorsement in the Health Services Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Cadet Teaching MD301SELV9**

Length: Semester

**Grades: 11-12**

Credit: 0.5

Prerequisite: Excellent attendance *and* reliable transportation

This program is designed to provide you with the opportunity to have a realistic experience in the field of education. You will be assigned to work with an elementary or middle school teacher in grades 1-8. The primary focus will be on actual contact with students, working with small groups and one-on-one situations. Other duties will include grading papers, recordkeeping, preparing bulletin boards, writing and presenting lesson plans, and related activities.

- This course is required for the *Educator* endorsement in the Human Resources Career Academy.
- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

*Other STC Learning***CTE Workplace Experience Opportunities****Grades: 10-12**

Workplace experience opportunities are offered throughout career and technical programs of study. If you are a student in the agriscience, culinary, engineering, criminal justice, automotive, or graphic design departments, speak with the School-to-Career Program Manager in A1 to learn more about workplace experience opportunities that may be available to you.

*Job Shadow Rotations***Dental Occupations Job Shadow Experience MD318SEL-D9**

Length: October through February

**Grades: 10-12**

Credit: 0.5

Prerequisite: Excellent attendance *and* reliable transportation

Are you pursuing a career in the dental field? Get training and experience through the Bend-La Pine Schools Dental Program. Assignments include five reflection papers, an interview with a dental professional, researching a current issue or challenge within the dental industry, a one-page paper on a dental career pathway, and a final two-page reflection on your job shadow experience. Classes meet from 2:30 – 4:00 p.m. on Wednesdays beginning in October and continue through February. This program is offered every other year (odd years only). **Please note: Sign up in the School-to-Career office during forecasting. Space is limited to 15 students district-wide. Preference will be given to juniors and seniors.**

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Professional Engineers of Oregon (PEO) Job Shadow Experience MD319SEL-E9**

Length: January through May

**Grades: 10-12**

Credit: 0.5

Prerequisite: Excellent attendance *and* reliable transportation

Through multiple job shadows, participating firms will introduce MVHS students to various types of engineering, including civil (roadway design and construction), structural, commercial site development, mechanical, electrical, aeronautical, hydraulics, hydrology, water and wastewater treatment, technical, and traffic engineering. This after-school program requires a commitment of one day per week (Wednesdays from 1:30 – 3:00 p.m.). Assignments include five reflection papers, researching current events in engineering, a one- to two-page paper on an engineering career pathway, and a final two-page reflection on your job shadow experience. Rotations start in mid-January and run through May. **Please note: Sign up in the School-to-Career office during December.**

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

**Emerging Tech Walk MD319SEL-T**

Length: October through February

**Grades: 10-12**

Credit: 0.5

Prerequisite: Must provide own transportation (drive or carpool)

In this course you will have the opportunity to visit local businesses that are leading the way in technology and computer science to explore software, IT, coding, cyber security, and fields closely related to computer science majors. This after-school program requires a commitment of one day per week (Wednesdays from 1:30 – 3:00 p.m.). You will be required to complete assignments similar to those in other job shadow rotations. Rotations start in October and run through January. **Please note: Sign up in the School-to-Career office during September.**

- You will have the opportunity to meet the Career-Related Learning Experience (CRLE) graduation requirement in this class.

Other rotation programs may become available during the school year. Check in with College & Careers for updates. Opportunities may include Certified Nursing Assistant (CNA), business, culinary/hospitality, and Build-It Construction Walk.

## Index of Courses

9 <sup>th</sup> Grade Language Arts Courses .....	13	AP Science Courses .....	24, 25
Literature and Composition 1 .....	13	AP Biology .....	24
Literature and Composition 1 Honors .....	13	AP Chemistry .....	24
10 <sup>th</sup> Grade Language Arts Courses .....	13	AP Physics 1 .....	25
Literature and Composition 2 .....	13	AP Physics 2 .....	25
Literature and Composition 2 Honors .....	13	AP Social Science Courses .....	28
11 <sup>th</sup> Grade Language Arts Course .....	13	AP European History .....	28
Writing Workshop .....	13	AP Human Geography .....	29
12 <sup>th</sup> Grade Language Arts Courses .....	14	AP Psychology .....	29
Literature and Composition 4 .....	14	AP US Government .....	29
Narrative and Composition Studies .....	14	AP US History .....	29
WR 121 - English Composition .....	14	AP World Language Course .....	69
WR 122 - English Composition .....	14	AP Spanish Language and Culture .....	69
Agriculture Science Systems Courses .....	31	Automotive Technology Courses .....	34
Agriculture Leadership 1-4 .....	31	Automotive Technology 1 .....	34
Introduction to Agriscience .....	31	Automotive Technology 2 .....	34
Introduction to Animal Science .....	31	Automotive Technology 3 .....	34
Metals Technology 1 .....	31	Fundamentals of Automotive Technology .....	34
Metals Technology 2 .....	32	Band Courses .....	57
Metals Technology 3 .....	32	Jazz Band 1 .....	57
Metals Technology 4 .....	32	Jazz Band 2 .....	57
Natural Resources 1 .....	32	Symphonic Band .....	57
Plant Science .....	33	Wind Ensemble .....	57
Pre-Veterinarian Medicine .....	33	Business Courses .....	36
Pre-Veterinary Medicine 2 .....	33	Accounting 1 .....	36
AP Computer Science Course .....	41	Accounting 2 .....	36
AP Computer Science and Engineering .....	41	Business Management .....	36
AP Fine Arts Courses .....	46	Computer Applications 1 .....	37
AP Art History .....	46	Entrepreneurship .....	37
AP Art Studio .....	46	Introduction to Business 1 .....	37
AP Language Arts Courses .....	15	Marketing 1 .....	37
AP Capstone Research .....	15	Marketing 2 .....	38
AP Language and Composition .....	15	Personal Finance .....	38
AP Literature and Comp		Sports/Entertainment Marketing .....	38
World .....	15	Cadet Corps Courses .....	39
AP Seminar 11 and 12 .....	15	Cadet Corps 1 .....	39
AP Mathematics Courses .....	19, 20	Cadet Corps 2 .....	39
AP Calculus AB .....	19	Cadet Corps 3 .....	40
AP Calculus BC .....	19	Cadet Corps 4 .....	40
AP Statistics .....	20	Choir Courses .....	59
AP Media Arts Course .....	53	Concert Choir .....	59
AP Art Studio .....	53	Jazz Choir .....	59
AP Music Course .....	65	Mixed Choir .....	59
AP Music Theory .....	65	Women's Vocal Ensemble .....	59

Index of Courses (continued)

Computer Science Course .....	41	Graphic Arts 3 .....	51
Exploring Computer Science .....	41	Journalism .....	51
Culinary Arts Courses .....	42	Photography 1 .....	51
Baking and Pastry .....	43	Photography 2 .....	52
Culinary Advanced Projects .....	43	Video Arts 1 .....	52
Culinary Arts 1 .....	42	Web Design 1 .....	52
Culinary Arts 2 .....	42	Web Design 2 .....	52
Global Cuisines .....	43	Yearbook .....	52
Senior Survival .....	43	Music Courses .....	63
Fine Arts Courses .....	45	Guitar 1 .....	63
Ceramics 3 .....	45	History of Modern Popular Music .....	63
Drawing and Painting 1 .....	45	Music Theory 1 .....	64
Drawing and Painting 2 .....	45	Musical iPad .....	64
Fine Arts Portfolio Develop/Studio .....	45	Piano .....	64
Sculpture/Ceramics 1 .....	45	Voice .....	64
Sculpture/Ceramics 2 .....	45	Orchestra Courses .....	60
Health Courses .....	55	Chamber Orchestra .....	60
Health 1 .....	55	Freshman Orchestra .....	60
Health 2 .....	55	Orchestra .....	61
Sports and Exercise Psychology .....	55	Symphony Orchestra .....	61
Manufacturing & Engineering Courses .....	47	Other Language Arts Courses .....	16
Introduction to Engineering .....	47	Civil Discourse .....	16
Metals Technology 1 .....	47	Competitive Speech .....	16
Metals Technology 2 .....	48	Creative Writing .....	16
Metals Technology 3 .....	48	Introduction to Literature .....	16
Metals Technology 4 .....	48	Journalism .....	16
Woodworking 1 .....	48	Technical Writing .....	16
Woodworking 2 .....	48	PE Courses .....	53
Woodworking 3 .....	49	Basketball 1 .....	53
Woodworking 4 .....	49	Basketball 2 .....	53
Math Strategies Courses .....	19	Conditioning 1 .....	53
Math Strategies Algebra 1 .....	19	Court Sports .....	53
Math Strategies Algebra 2 .....	19	Female Weight Training .....	54
Math Strategies Pre-Calculus .....	19	Low Impact PE/Aerobics .....	54
Mathematics Courses .....	17, 18	PE 1 .....	54
Algebra 1 .....	17	PE 2 .....	54
Algebra 2/Trigonometry .....	18	Power Training .....	54
Geometry .....	18	Sport Psychology 2 .....	55
Geometry/Algebra 2 .....	18	Sports Medicine/Athletic Training .....	54
Integrated Math 1 .....	17	School-to-Career Courses .....	70
Pre-Calculus .....	18	Cadet Health Care Giver .....	71
Media Arts Courses .....	51	Cadet Teaching .....	71
Graphic Arts 1 .....	51	Credit for Non-Paid Work .....	70
Graphic Arts 2 .....	51	Credit for Work .....	70



Index of Courses (*continued*)

CTE Workplace Experience .....	71	Theater Arts Courses .....	62
Dental Rotations .....	72	Cougar Co.....	62
Emerging Tech Walk.....	72	Introduction to Dance .....	62
Engineering Rotations .....	72	Musical Theater.....	64
Internships .....	70	Technology for the Stage.....	62
Science Courses .....	22	Theater Arts 1.....	62
Biology 1.....	22	Theater Arts 2.....	62
Biomedical Foundations .....	22	World Language Courses .....	67
Chemistry 1.....	22	French 1 .....	67
Earth/Space Science .....	23	French 2 .....	67
Human Anatomy/Physiology .....	23	French 3 .....	67
Introduction to Engineering .....	23	French 4 .....	67
Natural Resources 1 .....	23	French 5 .....	68
Physical Science.....	24	Japanese 1 .....	68
Zoology.....	24	Japanese 2 .....	68
Social Science Courses.....	27	Japanese 3 .....	68
American Government.....	27	Japanese 4 .....	68
Criminal Justice.....	27	Spanish 1 .....	68
Criminal Law .....	27	Spanish 2.....	69
Law 1.....	27	Spanish 3.....	69
Modern World History .....	28	Spanish 4.....	69
Psychology 1.....	28		
US History .....	28		