

# **North Medford Course Guide**



**2023**

**2024**

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# North Medford High School

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**\*\*\*Course Guide is subject to change\*\*\***

## **GRADUATION REQUIREMENTS**

To receive a Medford School District (MSD) diploma, in addition to credit requirements outlined in Oregon Administrative Rule (OAR) 581-022-2000, respectively, a student must demonstrate proficiency in Essential Skills.

Students earn one-quarter (.25) credit by taking and passing one class for one nine-week quarter. They earn one (1.0) credit by taking and passing one class for two semesters.

Entering freshmen may bring a maximum of 2 credits with them from a Medford School District 549C middle school that count toward fulfilling 24 required graduation credits. Those brought to high school may include algebra, geometry, computers and/or a world language.

Additionally, students must develop an education plan and profile; demonstrate an extended application of academic knowledge through a collection of evidence; and participate in career-related learning experiences and/or coursework related to their plan/profile.

Activities to assist students in successfully meeting these requirements are integrated in required high school courses and the high school guidance and counseling program. Students and their parents will be notified of graduation and diploma requirements.

### **Required (18 Credits)**

<b><u>Classes</u></b>	<b><u>Credit</u></b>
English Language Arts – grade 9, 10, 11, 12	4.0
Mathematics (must be Algebra 1 & higher) – grade 9, 10, 11	3.0
Science – grade 9, 10, 11	3.0
Social Science – Grade 9, 10, 12	3.0
Health (Personal & Family) - grade 10, 12	1.0
Physical Education – beginning in grade 9	1.0
Applied Arts, Fine Arts, World Languages, or Career/Tech	3.0

### **Elective Classes (6 Credits)**

Select from courses listed in this handbook	6.0
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Visit the [NMHS website](#) to view graduation requirements for a Modified or Extended diploma

Requirements By Grade Level							
9	Credit	10	Credit	11	Credit	12	Credit
English 1 or Pre-AP English 1	1	English 2 or Pre-AP English 2	1	English 3 or AP Language & Comp	1	English 4 or AP Literature & Comp	1
World Studies, AP Human Geography, or AP World History	1	American Studies or AP US History	1	Science	1	Contemporary Issues	.5
Biology or Biology Honors	1	Chemistry or Physical Science	1	Math	1	Economics or AP Economics	.5
Math	1	Math	1	Other Required & Elective courses	3.5	Family Health	.5
PE	.5	Personal Health	.5			Other Required & Elective courses	3
Other Required & Elective courses	2	Other Required & Elective courses	2				
<b>Total Credits</b>	<b>7.5</b>		<b>7</b>		<b>7</b>		<b>6</b>

## **FORECASTING CLASSES FOR NEXT YEAR**

Students request courses for the entire school year. Students and parents are urged to consider future goals, selected Pathways, previous grades, attendance habits and study habits when selecting classes.

**First choices are not always possible.** Sometimes, we are not able to offer classes for a variety of reasons. Often changes cannot be made once classes are full. Students need to be sure when making selections that the classes they are selecting are classes they are committed to taking. Placement in certain required courses will be determined by instructor recommendation, test scores, writing samples and/or published criteria. Students are encouraged to discuss course selections with parents/guardians, instructors and guidance counselors; then write them in the appropriate spaces on the forecasting scheduler.

## **ELIGIBILITY FOR ACTIVITIES, ATHLETICS & AWARDS**

North Medford High School students are expected to be enrolled in at least five classes per semester. Freshmen and sophomores are required to be enrolled in seven classes; juniors are required to be enrolled in six classes, and seniors must be enrolled in at least five classes. Some exceptions may be made for seniors. Students passing fewer than five graded classes may not be eligible for some school activities or awards. **Students must be enrolled in at least five classes and doing passing work in all of them to be eligible to compete in OSAA sanctioned extra-curricular activities.**

## **EARLY GRADUATION**

The administration and staff of North Medford High School believe that a four-year school program is desirable for most students. Medford High Schools will permit students to graduate after completion of course requirements.

Students requesting early graduation should plan well in advance.

**The Oregon Department of Education (ODE) may require early graduates to meet graduation requirements based on the year in which the student first enrolled in 9th grade.**

## **TORNADO FUTURE CENTER**

The Tornado Future Center is home to the NMHS Scholarship Director, and ASPIRE Coordinator. It provides assistance to all students at all grade levels as they explore post high school options. For more information, visit our website at [www.medford.k12.or.us/Page/5356](http://www.medford.k12.or.us/Page/5356).

The **Scholarship Director** seeks, announces and posts scholarship opportunities for all grade levels with a focus on seniors. Services include working with individuals, families and groups of students in applying for and financing a post high school education.

Contact Jeri Childress at 541-842-1243 ([www.medford.k12.or.us/Page/5356](http://www.medford.k12.or.us/Page/5356))

The **ASPIRE Coordinator** seeks and trains local community mentors to work one-on-one with students, helping them with various activities such as academic preparation, scholarship search and application, career exploration, college choice and college applications.

Contact Jeri Childress at 541-842-1243 (<https://www.medford.k12.or.us/Page/5358>)

**MPACT:** Medford Pre-Apprenticeship for Construction Trades. MPACT is a pre-apprenticeship program that prepares students who may be seeking careers in the construction trades such as electrical, plumbing, residential/commercial construction, and heating/air conditioning. MPACT is designed to help students build the necessary skills to meet the entry qualifications needed to enter an apprenticeship program or workforce.

Contact Nathan Chin 541-842-5222 (<https://www.medford.k12.or.us/Page/6301>).

**TRIO** Educational Talent Search (ETS) is a federally funded program that helps students in middle and high schools achieve their dreams of attending college. Students will receive information and personalized assistance in applying for college admission and financial aid applications, scholarships, and exposure to college campuses.

### Eligibility Requirements:

To be eligible for TRiO ETS services, you must qualify as a low income and/or first generation student (neither parent obtained a four-year college degree). Please contact Sara Channell, TRiO Transition Specialist at North Medford High School: (541) 842-1278 or [sara.channell@medford.k12.or.us](mailto:sara.channell@medford.k12.or.us).

## **National Honor Society (NHS)**

To become a member, applications are accepted in April. To maintain membership in National Honor Society, you must meet or exceed the following requirements:

- Maintain a 3.6 GPA every term and accumulative. If you drop below you will be placed on probation.
- Earn a total of 9 credits in AP or honors classes by the end of your senior year.
- Complete at least 20 community service hours, three of which are National Honor Society sponsored activities.

We host at least one activity a month. In this handbook, courses which qualify as honors or advanced areas are listed on the Honors Diploma chart on page 7. Additional requirements for eligibility are outlined in our constitution.



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## **Honors Diploma**

The Medford Honors Diploma is available to those students who are seeking to challenge themselves academically. This program will prepare students for their post-secondary education by providing rigorous coursework along with the opportunity to earn college credit. Requirements must be met by the end of the 3rd quarter of a student's graduation year.

To earn the diploma, a student must earn a cumulative grade point average of 3.5 or higher and earn nine or more credits in courses identified as Advanced Placement, Honors or in other courses where evidence of academic rigor exists. The student must also meet the district guidelines for graduation, including the required 24 credits.

## Courses that Qualify for an Honors Diploma

<b>Career and Technical Education</b>	<b>Credits</b>	<b>Science</b>	<b>Credits</b>
AP Computer Science Principles	1	AP Biology	1
AP Computer Science A (Java)	1	AP Chemistry	1
<b>Fine Arts</b>		AP Physics	1
AP Studio Arts 1	1	Astronomy	1
AP Studio Arts 2	1	Biology Honors	1
<b>English Language Arts</b>		Chemistry 1 Honors	1
Pre-AP English 2	1	Environmental Science	1
AP Language and Composition	1	Human Anatomy and Physiology	1
AP Literature and Composition	1	<b>Social Science</b>	
<b>Mathematics</b>		AP Art History	1
Geometry/Stats Honors	1	AP Economics	1
Algebra 2 Honors	1	AP Psychology	1
AP Calculus AB	1	AP US Government and Politics	1
AP Calculus BC	1	AP US History	1
AP Statistics	1	AP World History	1
Pre-Calculus	1	<b>World Language</b>	
Pre-Calculus Honors	1	AP Heritage Spanish Language	1
<b>Music</b>		AP Spanish Language	1
NMHS Tornado Chorale	1	AP Spanish Literature	1
Tornado Storm	1	Heritage Spanish 3 & 4	1
Chamber Orchestra	1	Spanish 3, 4, 5	1
Wind Ensemble	1	French 3 & 4	1



# College Admission Requirements

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North Medford High School encourages all graduates to continue their education or training beyond high school. Postsecondary education or training helps young adults develop skills and expertise they can apply in later professional careers. Preparing for postsecondary education or training, both academically and financially, can begin as early as families might wish to do so. Parents and students should know the kinds of courses needed to be accepted into a postsecondary institution, how to find the right school, the costs of attending, and the financial assistance that might be available. Our Tornado Future Center and Student Services department can assist in this process.

## Oregon Public Universities:

The following courses meet the minimum entrance requirements for most public universities in Oregon. Contact individual schools for specific requirements.

Eastern Oregon University, La Grande  
Oregon Tech, Klamath Falls  
Oregon State University, Corvallis  
OSU-Cascades, Bend

Portland State University, Portland  
Southern Oregon University, Ashland  
University of Oregon, Eugene  
Western Oregon University, Monmouth

### English (4 credits)

Emphasis on writing during all four years

### Mathematics (3 credits)

Algebra 1, Geometry and Algebra 2

### Science (3 credits)

At least one year in each of two fields:

- Physical - Physical Science, Chemistry 1, Physics
- Biological - Biology, Human Anatomy & Physiology

### Social Studies (3 credits)

World Studies, AP Human Geography, or AP World History (1 year in 9th grade)  
American Studies or AP U.S. History (1 year in 10th grade)  
Economics (1/2 year in 12th grade)  
Contemporary Issues (1/2 year in 12th grade)

### World Language (2 credits)

Minimum two years of the same world language

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## COLLEGE ATHLETICS

Students planning to participate in NCAA/NAIA athletics must demonstrate eligibility by registering with the NCAA or NAIA Clearinghouse. To be certified by the NCAA clearing for Division I or II or the NAIA Clearinghouse, students must meet specific core-course requirements. Please visit the NCAA or NAIA Clearinghouse at [www.ncaa.org](http://www.ncaa.org) or [www.naia.org](http://www.naia.org) for details.

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Most 4-year colleges and universities require either the **SAT** or **ACT** for admissions. Please log onto the following websites for more information and dates these tests will be offered.

- ◆ **SAT Test Information** - [www.collegeboard.com](http://www.collegeboard.com)
- ◆ **ACT Test Information** - [www.actstudent.org/regist/nextdates.html](http://www.actstudent.org/regist/nextdates.html)

For additional assistance with test registration, please work with our **Tornado Future Center**, 541-842-1243.

## PSAT/NMSQT

The Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test is administered each October at NMHS. We offer this as a free test to all of our Sophomores and is a recommended test for both Sophomores and Juniors. We have limited space for Juniors and there will be a fee charged to their account to take the test. This is the only way to qualify for the National Merit Scholarship Program.

# College & Online Credits

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## **Advanced Placement Credit**

Some of the upper level courses we offer are designated Advanced Placement (AP) classes. This means that the curriculum parallels the content tested on the Advanced Placement Exams offered each May by the College Board (a national testing agency).

AP courses are offered at NMHS for the following subjects: Biology, Calculus, Chemistry, Computer Science, English Language, English Composition, Human Geography, Government, Macroeconomics, Microeconomics, Physics, Psychology, Statistics, Studio Art, US History and US Government & Politics, World History. Note: Some courses are offered every other year.

If you take an AP class, it is recorded on your high school transcript and counts as credit toward graduation. To receive college credit, you must take and pass the AP exam for that subject. If you are interested in taking an AP course, you should talk with your counselor. It is possible to take an AP exam even if you are not enrolled in an AP class. Additionally, while some advanced level classes may not have the AP designation, their content may still provide excellent preparation for the exam. You can read more information about Advanced Placement Exams at [www.collegeboard.org/ap/index.html](http://www.collegeboard.org/ap/index.html).

## **Southern Oregon University and Rogue Community College Credit**

Rogue Community College (RCC) offers college credit for many courses taken as part of a student's regular schedule at NMHS. These courses are designated as RCC College Now credit.

Students may earn college credit at Southern Oregon University (SOU) for some of the advanced courses offered at NMHS – this is generally referred to as “Advanced Southern Credit”. Usually these courses are identified in the course description; however, since we are continuing to add this option to more classes, you should ask your classroom instructor. There is a fee per credit charged by SOU. Check with the classroom instructor for the current cost.

SOU credit is also available to high school students through the Early Entry program. Students can take lower division college classes on the SOU campus at a significantly reduced cost for tuition.

Classes taken at SOU or RCC may be counted as one of the classes on your high school schedule for eligibility purposes.

For more information about how you can receive Southern Oregon University or Rogue Community College credit, please talk with your instructors, your school counselor or the Tornado Future Center.

## **EDGENUITY/ONLINE**

Medford School District has partnered with Edgenuity, a leading provider of online courses to provide original credit and credit retrieval courses to supplement the educational program at NMHS. These courses offer flexible options to address a variety of student needs such as scheduling conflicts, health concerns, work, athletic or extracurricular commitments. We also offer courses that are not currently available in the traditional classroom. Online courses are not a good fit for every student. **See your counselor** to discuss online course options at your school and to view a current list of Medford approved online courses.

# NMHS College Credit Opportunities

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All North Medford High School students have the opportunity to earn college credit. These credits may be earned free or at a significantly reduced rate.

## **There are three options available to earn college credit while in high school:**

- 1) Take a NMHS course that offers credit in conjunction with Rogue Community College or Southern Oregon University.
- 2) Take a NMHS Advanced Placement course and pass the AP exam (your score and requirements of the university you choose to attend will dictate how much credit you may receive).
- 3) Take an RCC or SOU course through RCC Early College, SOU Early Entry or SOU while enrolled in high school.

## **When may I start earning college credit?**

Students and parents should consider college credit opportunities beginning freshman year. A strong four-year plan may result in significant savings in terms of time and money.

## **Where are these classes offered?**

The majority of these classes are taught on the NMHS campus. There are additional opportunities for college credit by taking online courses through RCC and on the SOU and RCC campus.

## **How do I get started?**

Begin by reviewing the NMHS Course Handbook. Courses with potential college credit are noted on page 11. Once you have your plan, discuss your selection with your counselor. Once enrolled, you may check with your instructor or counselor for any paperwork needed in order to receive college credit.



NMHS Course Name	AP or College Credit?	College Course #	SOU/RCC Course Title	College Credits	AP Credits
Anatomy & Physiology	SOU ASC	BI 199	SS/Non-Cadaver Human Anatomy & Physiology I & II	Up to 8	
AP Art & Design 1	AP or SOU ASC	ART 133	Drawing 1	4	Varies
AP Art & Design 2	AP or SOU ASC	ART 199	SS/Studio Art 1	Up to 8	Varies
AP Biology	AP or SOU ASC	BI 101 & 103	General Biology/Honors Biology	Up to 8	Varies
AP Calculus AB	AP or SOU ASC	MTH 251 & 252	Calculus I & II	Up to 8	Varies
AP Calculus BC	AP or SOU ASC	MTH 253	Calculus III	4	Varies
AP Chemistry	AP	NA	NA	NA	Varies
AP Computer Science A (JAVA)	AP	NA	NA	NA	Varies
AP Computer Science Principles	AP	NA	NA	NA	Varies
AP Economics	AP	NA	NA	NA	Varies
AP English Language & Composition	AP or SOU ASC	WR 121 & 122	English Composition	Up to 8	Varies
AP English Literature & Composition	AP or SOU ASC	ENG 104 & 105	Intro to Literature	Up to 8	Varies
AP Government	AP	NA	NA	NA	Varies
AP Human Geography	AP	NA	NA	NA	Varies
AP Physics	AP	NA	NA	NA	Varies
AP Psychology	AP or SOU ASC	PSY 201 & 202	General Psychology	Up to 8	Varies
AP Spanish Language	AP	NA	NA	NA	Varies
AP Statistics	AP or SOU ASC	MTH 243 & 244	Introduction to Statistical Methods/ Applied Inferential Statistics	Up to 8	Varies
AP U.S. History	AP or SOU ASC	HST 250 & 251	American History & Life	Up to 8	Varies
AP World History	AP or SOU ASC	HST 110 & 111	World Civilizations	Up to 8	Varies
Astronomy	SOU ASC	PH 112 & 114	Astronomy/The Solar System & Lab	4	
		PH 113/115	Astronomy/The Stars & Lab	4	
Automotive Service 1 & 2	RCC College Now	AM 120	Automotive Maintenance Practices	3	
Basic Hand Tools	RCC College Now	MEC 102	Basic Hand Tools	3	
Best Practices in Education	RCC College Now	ECE 126	Early Childhood Education Best Practices	3	
Biology Honors	RCC College Now	BI 101	Intro to Biology I w/Lab	4	
Business Computer Applications/Technology	RCC College Now	BA 131	Introduction to Business Computing	4	
Chemistry 1 Honors	SOU ASC	CH 221/227L	General Chemistry/Honors Chemistry	5	
	RCC College Now	CHEM 104L	General Chemistry/Honors Chemistry	4	
Early Learning Field Experience 1	RCC College Now	ECE 135	Advanced Creative Skills Promoting a Positive Self-Concept & SocialSkills Providing Positive Guidance	3	
Early Learning Field Experience 2	RCC College Now	ECE 136	Early Childhood Ed: A Professional Overview	3	
Human Development	RCC College Now	ECE 125	Early Childhood Development	3	
Manufacturing Design 1	RCC College Now	MET 101	Mechanical Drafting	3	
Manufacturing Design 2	RCC College Now	MET 105	Blueprint Reading - Mechanical	3	
Manufacturing Design 2 or 3	RCC College Now	MET 121	CAD I: Mechanical (SolidWorks)	3	
Manufacturing Design 3	RCC College Now	MET 122	CAD II: Mechanical (SolidWorks)	3	
Manufacturing Design 4	RCC College Now	MET 123	CAD III: Mechanical (SolidWorks)	3	
Marketing 1	RCC College Now	BA 101	Introduction to Business	4	
Marketing Advanced	RCC College Now	BA 223	Marketing	3	
Practicum in Education	RCC College Now	ED 170	Introductory Practicum	2	
Pre-Calculus Honors	SOU ASC	MTH 111 & 112	Precalculus 1: College Algebra/Precalculus II: Elem Functions	Up to 8	
Safety for Industry	RCC College Now	MEC 114	Safety for Industry	3	
Zoology	SOU ASC	BI 199	SS/Zoology I & II	Up to 8	
	RCC College Now	BI 102	Intro to Biology II w/Lab	4	

# What is?

# Pathways

MEDFORD SCHOOL DISTRICT

The Medford School District is committed to connecting school with your interests and aspirations. By selecting a Pathway, you also select courses and clubs or activities that fit your special interests and emerging career goals. In the MSD, your journey to a hopeful career starts today!

## Career and Technical Education



## Academic



## Visual and Performing Arts



Learn more about each of our Pathways by scanning this QR code



### Each Pathway includes:

- Four relevant courses
- Opportunities to earn professional certifications, industry credentials and/or college credits
- Participation in related clubs, activities, and student organizations
- A personalized, post-high school career plan



ALL ARE LEARNING &  
LEARNING IS FOR ALL



# ACADEMIC PATHWAY

The Academic Pathway is intended for students who are interested in exploring advanced concepts in traditional content areas. If you are passionate about the fields of English, Math, World languages, Science or Social Science, one of the Academic Concentrations is for you. Engaging in an Academic Pathway provides relevant preparation for post-secondary education at a college or university. Students in an Academic Pathway will be required to take one additional course beyond what is required for graduation in that area and at least one advanced placement (AP) course.

Courses Range From:

- Math (Algebra through AP Calculus)
- English (English 1-4, Language & Comp, Literature & Comp, Speech & Debate)
- World Languages (beginning through advanced Spanish & French)
- Social Science (required courses through Psychology and AP History)
- Science (required courses through physical, life, horticulture and medical sciences and AP chemistry, AP biology and AP physics)



# CAREER & TECHNICAL EDUCATION PATHWAY

The CTE Pathway integrates core academics into hands-on and project-based learning activities that allow students to explore and develop the knowledge and skills for the high wage, in-demand 21<sup>st</sup> century job market. Students in the CTE Pathway may take dual credit, college courses and benefit from internships within the local job market. The CTE Pathway concentrations are concurrent with a state-endorsed CTE Program of Study.

Courses Include:

- Automotive Technology
- Business & Marketing
- Computer Science
- Construction Technology
- Culinary Arts
- Early Childhood Education/Pre-Education
- Engineering
- Health Sciences
- Manufacturing
- Metals
- Robotics





# VISUAL AND PERFORMING ARTS PATHWAY

The Visual and Performing Arts Pathways are for students who want to nurture and cultivate their creativity, passion, and skill in both visual and performing arts. Students who enjoy art, music, and theater will benefit from taking courses in one of these concentrations.

Courses Include:

- Theater, Advanced Theater, Physical Theater, Stagecraft
- Chamber, Concert & Symphonic Band
- Concert Choir & Chamber Choir
- Wind Ensemble & Vocal Ensemble
- Jazz Cadets & Jazz Ambassadors
- Art I, II, AP Art Studio 1 & 2
- Sculpture I & Metals
- Concert Orchestra & Chamber Orchestra





## Medford Pre-Apprenticeship for Construction Trades

### What is MPACT?

MPACT is a pre-apprenticeship program that prepares students who may be seeking careers in the construction trades, such as electrical, plumbing, residential/commercial construction, and heating/air conditioning.

MPACT is designed to help students build the necessary skills to meet the entry qualifications needed to enter an apprenticeship program or workforce.

### While in MPACT, you will:

- Complete at least one credit in Construction Tech or Manufacturing
- Complete online OSHA 10 certification
- Participate in at least one trades event
- Create a trades-gearred resume
- Learn how to apply for a registered apprenticeship
- Participate in at least four other trades-related activities

...and more!

### Eligibility Requirements

- Be a junior or senior in high school
- Be on target for graduation
- Have earned one credit in Algebra 1
- Have earned at least one credit in a CTE Construction Technology or Manufacturing program
- Receive a positive recommendation from your CTE instructor



**To apply, fill out the online *MPACT* application.**

After submission, you will be contacted by the Tornado Future Center Coordinator

For further info, please contact Mr. Chin ([nathan.chin@medford.k12.or.us](mailto:nathan.chin@medford.k12.or.us))



# Art: Performing Arts

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
Chamber Orchestra	2	Yes	Audition and/or instructor approval	9-12
Concert Orchestra	2	Yes	Must have at least two years of playing experience and/or instructor approval	9-12
Sinfonia Orchestra	2	Yes	Audition and/or instructor approval	9-12
Jazz Ambassadors	2	Yes	Students must audition prior to enrollment; active participation in Concert Band, Symphonic Band, or Wind Ensemble required	10-12
Jazz Cadets	2	Yes	Students must audition prior to enrollment; active participation in Concert Band, Symphonic Band, or Wind Ensemble required	9-12
Symphonic Band	2	Yes	Students must audition prior to enrollment; 3-4 years prior band experience	10-12
Wind Ensemble	2	Yes	Audition required	9-12
NMHS Cloudburst Vocal Ensemble	2	Yes	None	9-12
NMHS Tornado Chorale	2	Yes	Audition or instructor approval	10-12
Chamber Choir: Storm	2	Yes	Audition or instructor approval	10-12
Ukulele	1	Yes	None	9-12
Music Theory	1	Yes	None	9-12
History of Rock n Roll	.5	Yes	None	9-12
Music Technology	.5	Yes	None	9-12
Intro to Theatre Arts	1	No	None	9-12
Theater Advanced	2	Yes	Introduction to Theatre Arts 1 or Stagecraft	10-12
Physical Theatre	1	Yes	None	9-12
Stagecraft	1	Yes	None	9-12
Theatre: Production and Rehearsal	2	Yes	Audition/ Application	9-12
Theatre: Theatre Fundamentals	1	Yes	None	9-12
Theatre: History of Drama	1	Yes	None	9-12

## MUSIC THEORY

**Term:** Semester

**Grades:** 9-12

**Credits:** .5 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

This course will introduce students to the five concepts of music (melody, harmony, form, rhythm, and timbre) using an interactive and collaborative approach. In this class, students will experience music by learning to decode its symbols, listen for the concepts in famous compositions, analyze beat and rhythm, and compose and perform music in a variety of ways. This course will focus on traditional western music theory, and will also emphasize training the ear and the voice as essential tools toward building a foundation in musical skills. Concurrent enrollment in a band, choir, or orchestra class is required; or with instructor approval.

# Art: Performing Arts

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## **SYMPHONIC BAND**

**Term:** Year

**Grades:** 10-12 (Could include advanced 9<sup>th</sup> graders)

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Students must audition prior to enrollment; 3-4 years of prior band experience

Symphonic Band is an auditioned ensemble consisting of outstanding freshman, sophomore, junior, and senior band students. Students will perform advanced literature, drawing upon skills acquired in Concert Band and middle school. Students will learn and/or review major scales/rudiments/arpeggios as they pertain to their instrument along with complex rhythms, proper tone quality, music terminology, and history as it relates to music being performed. Students will be expected to: demonstrate respect for music, instruments, and each other; follow the directions of the conductor, and attend all performances. Regular practice at home is expected. This course meets the fine arts graduation requirement. **Students must be willing to commit to all requirements of both the concert and marching bands. This is a performance-based class that requires numerous extracurricular performances throughout the year.** These performances include, but are not limited to, home basketball and football games, concerts, parades, and festivals.

## **WIND ENSEMBLE**

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Audition prior to enrollment

Wind Ensemble is an auditioned ensemble, and is designed to develop skills and techniques for advanced woodwind, brass, and percussion players. This course covers a variety of band literature for both concert and marching bands. Students will learn and/or review major and minor scales/rudiments/arpeggios as they pertain to their instrument along with complex rhythms, proper tone quality, music terminology, and history as it relates to music being performed. Students will be expected to: demonstrate respect for music, instruments, and each other; follow the directions of the conductor, and attend all performances. Regular practice at home is expected. **Students must be willing to commit to all requirements of both the concert and marching bands before they will be allowed to enroll in wind Ensemble. This performance-based class requires numerous extracurricular performances throughout the year.** These performances include, but are not limited to, home basketball and football games, concerts, parades, and festivals. Students may repeat this course for credit.

## **JAZZ CADETS**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Students must audition prior to enrollment; active participation in Concert Band, Symphonic Band, or Wind Ensemble required/exceptions cleared with band director.

Jazz Cadets is a performance-based class designed for serious intermediate level students. Various styles of music will be explored including swing, rock, Latin jazz, and pop. Students will learn jazz music theory and improvisational skills. Jazz Cadets is open by audition to all band students who play saxophone, trombone, trumpet, piano, bass, drums, and guitar. **CONCURRENT ENROLLMENT IN CONCERT BAND, SYMPHONIC BAND, OR WIND ENSEMBLE IS REQUIRED.** All exceptions must be cleared with the band director. Students are required to participate in several concerts throughout the year.

## **JAZZ AMBASSADORS**

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Students must audition prior to enrollment; active participation in Concert Band, Symphonic Band, or Wind Ensemble required/exceptions cleared with band director.

This course is designed to be a performing group with an emphasis on improvisational skills and professional playing atmospheres. Students are required to participate in several concerts throughout the year. This class is for the serious musician who is interested in expanding his/her understanding, appreciation, and ability to play all forms of jazz, rock, and

# Art: Performing Arts

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contemporary music. It is open by audition to all advanced students playing saxophone, trombone, trumpet, piano, bass, drums, and guitar. Auditions will be held in late spring, and students will be selected according to ability level and instrumentation needs. CONCURRENT ENROLLMENT IN CONCERT BAND, SYMPHONIC BAND, OR WIND ENSEMBLE IS REQUIRED. All exceptions must be cleared with the band director.

## **UKULELE**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** No audition required

The course focuses on building skills relating to playing the ukulele: chords, strumming, playing melodies, etc. Students of this class will have a solid foundation for being able to play your favorite songs on the ukulele. This class is designed for beginners, but will offer students with playing experience new skills and the opportunity to make more music!

## **NMHS CLOUDBURST VOCAL ENSEMBLE**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** No audition required

Students will practice vocal production techniques, study choral literature of all kinds, and participate in several concerts and performances throughout the year. Students will continue to develop their understanding of music reading, sight reading and music theory. Special attention will be given to music from various musical periods. This class may be repeated for credit.

## **NMHS TORNADO CHORALE**

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Audition or instructor approval

This course is the major choral performing organization at NMHS. Students will practice vocal techniques, study a variety of choral literature styles, and participate in numerous concerts and performances. Students will also develop an understanding of music reading and music theory. Special attention will be given to music from various musical periods. This class may be repeated for credit.

## **CHAMBER CHOIR: STORM**

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Audition - Members must also be in Tornado Chorale

This course is the premier choral performing ensemble at NMHS. Students will practice vocal techniques, study a variety of choral literature styles, and participate in numerous concerts and performances. Students will deepen their understanding of music reading and music theory. Special attention will be given to music arranged for small ensembles. This class may be repeated for credit.

## **CONCERT ORCHESTRA**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Must have at least two years of playing experience and/or instructor approval

Concert Orchestra is offered to students with previous experience on a traditional string instrument: violin, viola, cello or bass. Continued emphasis is given to the development of musicianship skills, aural and technical facility (with emphasis on

# Art: Performing Arts

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bowing, fingering, and reading music with good intonation and rhythm) through a large repertoire of string orchestra literature and technical studies. Student involvement in concert and performance activities will be part of the grading process for this course. Periodically there are special events, rehearsals, or concerts during non-school hours. Participation in such activities is an essential extension of the requirements. Group lessons that focus on instrumental technique, solo literature, and/or chamber literature may be included in this course offering.

## CHAMBER ORCHESTRA

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Audition and/or instructor approval

**Other:** Middle school students may audition to participate

This course is a selected ensemble offered to students with advanced string experience. Its purpose is to study and perform chamber orchestra literature of varying styles from the archives of standard repertoire. Performance activities, including special events, rehearsals, and concerts during non-school hours, are an essential part of the course and will be considered in the grading process. This course challenges music students interested in the finest concert performance and is strongly recommended for students who plan to major in music. Select winds, keyboard, and/or percussion will be invited to join this ensemble on occasion as instrumentation dictates. The orchestra performs several concerts a year and participates in district and regional music festivals and all-state orchestra. Chamber Orchestra students are strongly encouraged to enroll in Sinfonia.

## SINFONIA

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Audition and/or instructor approval

Sinfonia is offered to string students who want to challenge themselves with more advanced music and music theory as well as a higher level of focus towards facility on the instrument, including both technique and expression. Good attention to foundation skills including appropriate posture, correct bowing, fingering, and reading music with good intonation and rhythm should already be in place. More emphasis will be placed on the finer details of string playing including bow speed and placement, vibrato, shifting, and tone. Performance activities, including special events, rehearsals, and concerts all during non-school hours, are an essential part of the course and will be considered in the grading process. Participation in such activities is an essential extension of the requirements.

## MUSIC TECHNOLOGY

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

In this course, you will be introduced to music recording and audio production from a practical and theoretical perspective. You will learn about the physical nature and human perception of sound, how it is transformed to and from electrical signals by means of microphones and loudspeakers, and how it can be creatively modeled through mixing consoles, signal processors, and digital audio workstations. You will learn to make informed choices about microphone selection and positioning, and we will cover various editing, mixing, and mastering techniques.

## HISTORY OF ROCK AND ROLL

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

This course will look at the History of Rock and Roll by examining music, changes in technology, and important historical events that have affected the music industry. Students will learn the importance of earlier music forms (including Jazz and blues) had on the formation of Rock and Roll. Whether you are a fan of rock and roll or interested in the history of music, this class is for you.

# Art: Performing Arts

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## INTRO TO THEATRE ARTS

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

This course is an introduction to performance theater. Topics covered include some of the following areas, improvisation, movement, vocal production, memorization, and script analysis. Students will showcase their knowledge of these skills twice a semester with an in-class presentation of a selected monologue and an evening performance of a duo scene. Expect to memorize several different short pieces throughout the term. Intro to Theatre arts is a performance-based course, regularly performing in front of classmates during the period. Additionally, this course has a required evening performance during the second half of the term. Both are essential parts of the grading process. Grading for this class follows the Fine Arts Department Studio Skills and Standards Rubric. Grading emphasis placed on participation, effort, and willingness to engage with the material.

## THEATRE ADVANCED

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Intro to Theatre Arts or Stagecraft

This course continues the work started in Introduction to Theatre Arts and Stagecraft, building on the previous coursework. Students explore several different formats of performance, including but not limited to; historical theatre, film acting, stage productions, and alternative theatre. Advanced Theatre is a performance-based course, regularly performing in front of classmates during the period. Additionally, this course has a required evening performance during the second half of the term. Both are essential parts of the grading process. Grading for this class follows the Fine Arts Department Studio Skills and Standards Rubric. Grading emphasis placed on participation, effort, and willingness to engage with the material.

## PHYSICAL THEATRE

**Term:** 2<sup>nd</sup> Semester only

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

This course is a study of the use of the body on stage. Looking at how to communicate character intentions with action instead of words. Activities may include improvisation, pantomime, devised theatre, and stage combat. The course provides movement theatre skills for the student actor. Focusing on instilling; self-awareness, spatial awareness, and tools and techniques for physical expression. Physical Theatre is a performance-based course, regularly performing in front of classmates during the period. Additionally, this course has a required evening performance during the second half of the term. Both are essential parts of the grading process. Grading for this class follows the Fine Arts Department Studio Skills and Standards Rubric. Grading emphasis placed on participation, effort, and willingness to engage with the material.

## STAGECRAFT

**Term:** 1<sup>st</sup> Semester only

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

This course is an introduction to the technical aspects of theatre arts with a focus on design. Classroom activities include, but are not limited to, the following design aspects; lighting design, set design, costume design, sound design, theatrical marketing, and stage management. Grading for this class follows the Fine Arts Department Studio Skills and Standards Rubric. Grading emphasis placed on participation, effort, and willingness to engage with the material. This class is a requirement for those that want to enter Advanced Theatre with a technical focus

# Art: Performing Arts

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## **THEATRE: PRODUCTION AND REHEARSAL**

**Term:** Year

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Audition/Application

In this advanced theatre class, the students will be responsible for producing, and designing the various theatre events that occur throughout the year. Additionally, they will all be required to prepare either an acting or a technical piece for the regional competition in February. Enrollment in the class is either through applying to be a troupe officer or non-troupe officers will have to audition with a performance piece or by submitting a technical design example.

## **THEATRE FUNDAMENTALS**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

This introductory course provides an overview of the art, conventions, and components that make up theatre. The course studies the role the audience plays in productions, the spaces theatre is created in, basic acting, directing, technical, and writing methodologies, and what theatre looks like for modern audiences. This is a non-performance based class.

## **THEATRE: HISTORY OF DRAMA**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

Exploration of dramatic literary elements, history of theatre, playwriting, play analysis, and determination of theme and intent. Writing assignments are focused on understanding and comprehension of the literature. Student writing ranges from short stories to small one-acts. Students will be actively involved in the reading, discussion, and staging scenes from Ancient Greek Theatre to Modern American Theatre. As well as, analyzing the work and discussing how it reflects on the current society's problems and culture.



# Art: Visual Arts

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
AP Art & Design 1	2	No	Art 1, Art 2, and instructor approval	10-12
AP Art & Design 2	2	No	AP Art & Design 1 and instructor approval	11-12
Art 1	2	Yes	None	9-12
Art 2	1	Yes	Art 1	10-12
Sculpture 1	1	Yes	None	9-12
Sculpture 2	1	Yes	Sculpture 1	9-12
Sculpture 3	2	Yes	Sculpture 1, Sculpture 2, and instructor approval	10-12

### ART 1

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

This course provides students with the knowledge, skills, and opportunity to explore and create individual works of art. Design concepts, analysis of art, and technical skills will be emphasized in this beginning level drawing course. This class focuses on two-dimensional media, primarily drawing with graphite and colored pencils. Students will develop a variety of skills including technical drawing skills with a focus on problem-solving and personal expression through their artwork.

### ART 2

**Term:** Semester

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Art 1

Art 2 provides students with the opportunity to further develop their skills as an artist and create individual works of art. Design concepts, analysis of art, and personal growth as an artist will be emphasized in this course. This class focuses on painting with an emphasis on acrylic; watercolor work may also be explored. Students will develop a variety of skills and knowledge including color theory and technical painting skills. Students will be encouraged to develop unique compositions that represent themselves.

### AP ART & DESIGN 1

**Term:** Year

**Grades:** 10-12

**Level:** AP

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Art 1, Art 2, and Instructor approval

**Other:** SOU credit may be available

This course is a college level course designed for students who are seriously interested in the rigorous experience of creating an extensive two-dimensional art portfolio, "Selected Works," as defined by the AP College Board, and as aligned with SOU. This includes a range of approaches that demonstrate a variety of drawing and painting issues and topics. This course encourages creative and systematic investigations of formal and conceptual issues, emphasizing making art as an ongoing process that involves the student in informed and critical decision making. During the final term of this course, students will begin inquiry work on their "Sustained Investigation" portfolio for the following year.

# Art: Visual Arts

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## AP ART & DESIGN 2

**Term:** Year

**Grades:** 10-12

**Level:** AP

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** AP Art & Design 1 & instructor approval

**Other:** SOU credit may be available

This course is a college level course designed for students who are seriously interested in the rigorous experience of creating an extensive two-dimensional art portfolio, "Sustained Investigation," as defined by the AP College Board, and as aligned with SOU, as a body of 15 art works unified by the investigation of a concept or idea that has visual coherence. Each student will submit their completed AP Art & Design portfolios to the AP College Board in early May for the AP Art & Design exam.

## SCULPTURE 1

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

This course provides students with the knowledge, skills, and opportunity to create individual works of art. Technical skills, analysis of art, and personal growth as an artist will be emphasized in this semester long course. Students are introduced to a wide variety of unique materials for exploring the three-dimensional world of sculpture. We will learn about the elements of art and focus on the unlimited world of form.

## SCULPTURE 2

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Sculpture 1

Students have the opportunity to work more in depth with a new variety of materials and explore the principles of art in this semester long course. Sculptural mediums may include ceramics, carving, fused glass, metal, alternative clay, and paper.

## SCULPTURE 3

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Sculpture 1, Sculpture 2, and instructor recommendation

This course is designed for students who are seriously interested in the practical experience of creating an extensive three-dimensional art portfolio. The course will require more independent creation of an extensive three-dimensional art portfolio. The course will require more independent project conception, collaboration, and advanced sculptural techniques. This class encourages creative and systematic investigation of technical and conceptual issues and emphasizes producing art as an ongoing process that involves the student in informal and critical decision-making.



# AVID

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
AVID 9	2	No	Application required	9
AVID 10	2	No	Application required	10
AVID 11	2	No	Application required	11
AVID 12	2	No	Application required	12

### AVID 9

**Term:** Year

**Grades:** 9

**Credits:** 1.0 Elective

**Repeat for Credit:** No

**Prerequisite:** Application required

AVID (Advancement Via Individual Achievement) is a rigorous college readiness class designed to enable students to develop skills to be successful in high school and college. AVID focuses on writing, inquiry, collaboration, and organization. AVID students participate in study groups (tutorials) with tutors to aid in acquisition of learning. Students participate in college field trips, community service, apply for scholarships, and complete college applications. This program is for highly motivated students with average and medium to high standardized test scores and GPA. The course includes college exploration activities and family/community events. Students who apply and are selected to be in the AVID elective class will stay in it throughout their time at North. Interested students will be interviewed by the AVID selection committee during the early spring prior to the following school year. Over 90% of students who start and finish the AVID elective course are accepted into a four-year university!

### AVID 10

**Term:** Year

**Grades:** 10

**Credits:** 1.0 Elective

**Repeat for Credit:** No

**Prerequisite:** Application required

AVID (Advancement Via Individual Achievement) is a rigorous college readiness class designed to enable students to develop skills to be successful in high school and college. AVID focuses on writing, inquiry, collaboration, and organization. AVID students participate in study groups (tutorials) with tutors to aid in acquisition of learning. Students participate in college field trips, community service, apply for scholarships, and complete college applications. This program is for highly motivated students with average and medium to high standardized test scores and GPA. The course includes college exploration activities and family/community events. Students who apply and are selected to be in the AVID elective class will stay in it throughout their time at North. Interested students will be interviewed by the AVID selection committee during the early spring prior to the following school year. Over 90% of students who start and finish the AVID elective course are accepted into a four-year university!

### AVID 11

**Term:** Year

**Grades:** 11

**Credits:** 1.0 Elective

**Repeat for Credit:** No

**Prerequisite:** Application required

AVID (Advancement Via Individual Achievement) is a rigorous college readiness class designed to enable students to develop skills to be successful in high school and college. AVID focuses on writing, inquiry, collaboration, and organization. AVID students participate in study groups (tutorials) with tutors to aid in acquisition of learning. Students participate in college field trips, community service, apply for scholarships, and complete college applications. This program is for highly motivated students with average and medium to high standardized test scores and GPA. The course includes college exploration activities and family/community events. Students who apply and are selected to be in the AVID elective class will stay in it throughout their time at North. Interested students will be interviewed by the AVID selection committee during the early spring prior to the following school year. Over 90% of students who start and finish the AVID elective course are accepted into a four-year university!

# AVID

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## **AVID 12**

**Term:** Year

**Credits:** 1.0 Elective

**Prerequisite:** Application required

**Grades:** 12

**Repeat for Credit:** No

AVID (Advancement Via Individual Achievement) is a rigorous college readiness class designed to enable students to develop skills to be successful in high school and college. AVID focuses on writing, inquiry, collaboration, and organization. AVID students participate in study groups (tutorials) with tutors to aid in acquisition of learning. Students participate in college field trips, community service, apply for scholarships, and complete college applications. This program is for highly motivated students with average and medium to high standardized test scores and GPA. The course includes college exploration activities and family/community events. Students who apply and are selected to be in the AVID elective class will stay in it throughout their time at North. Interested students will be interviewed by the AVID selection committee during the early spring prior to the following school year. Over 90% of students who start and finish the AVID elective course are accepted into a four-year university!



# Career & Technical Education (CTE)

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
Academic Tutor - CTE	1	Yes	Instructor approval	10-12
AP Computer Science A (Java)	2	No	Exploring Computer Science or instructor approval	10-12
AP Computer Science Principles	2	No	Exploring Computer Science or instructor approval	11-12
Architectural Drafting 1	1	No	Instructor approval	9-12
Architectural Drafting 2	1	No	Architectural Drafting 1	9-12
Architectural Drafting 3-8	1	No	Architectural Drafting 2 - C or better in all terms of prerequisite	10-12
Automotive Service 1	1	No	None	9-12
Automotive Service 2	1	No	Automotive Service 1 - C or better in all terms of prerequisite	9-12
Automotive Service 3-5	2	No	Automotive Service 2 - C or better in all terms of prerequisite	10-12
Best Practices in Education	1	No	Intro to Early Learning & Human Development - C or better in all terms of prerequisite	10-12
Business Computer Applications/Technology	1	No	None	9-12
Construction Technology 1	1	No	None	9-12
Construction Technology 2	1	No	Construction Technology 1	9-12
Construction Technology 3	1	No	Construction Technology 2 - C or better in all terms of prerequisite	10-12
Construction Technology 4	1	No	Construction Technology 3 - C or better in all terms of prerequisite	10-12
Culinary Arts 1	1	No	None	9-12
Culinary Arts 2	1	No	Culinary Arts 1	9-12
Culinary Arts 3-5	2	No	Culinary Arts 2 or instructor approval	10-12
Early Learning Field Experience 1	1	No	Intro to Early Learning - C or better in all terms of prerequisite	9-12
Early Learning Field Experience 2	1	No	Intro to Early Learning & Early Learning Field Experience 1	9-12
Exploring Computer Science	1	No	None	9-12
Human Development	1	No	Intro to Early Learning - C or better in all terms of prerequisite	9-12
Intro to Early Learning	1	No	None	9-12
Engineering Design 1	1	No	Instructor approval	9-12
Engineering Design 2-8	1	No	Engineering Design 1	9-12
Marketing 1	2	No	None	9-12
Marketing Advanced –Sales Management	2	No	Marketing 1 - C or better in all terms of prerequisite	10-12
Metals Manufacturing 1	1	No	None	9-12
Metals Manufacturing 2	1	No	Manufacturing 1 - C or better in all terms of prerequisite	9-12
Metals Manufacturing 3-8	1	No	Metals Manufacturing 2-7 - C or better in all terms of prerequisite	10-12

# Career & Technical Education (CTE)

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
Video - Intro	1	No	None	9-12
Video - Studio 1	1	Yes	Intro to Broadcasting	9-12
Video - Studio 2	2	Yes	Intro to Broadcasting & Studio Production 1	10-12
Video - Field Prod 1	2	Yes	Intro to Broadcasting	10-12
Video - Field Prod 2	2	Yes	Intro to Broadcasting & Field Production 1	10-12
Practicum in Education	1	Yes	Instructor approval	11-12
Robotics 1	1	No	Must have taken any of the following courses: Architectural Design 1, Auto Service 1, Engineering Design 1, Metals Manufacturing 1, Woods Manufacturing 1, or instructor approval	10-12
Robotics 2-6	1	No	Robotics 1 or instructor approval - C or better in all terms of prerequisite	9-12
Woods Manufacturing 1	1	No	None	9-12
Woods Manufacturing 1	1	No	None	9-12
Woods Manufacturing 2	1	No	Woods Manufacturing 1 - C or better in all terms of prerequisite	9-12
Woods Manufacturing 3-7	1	No	Woods Manufacturing 2 - C or better in all terms of prerequisite	9-12
Woods Manufacturing 8	1	No	Woods Manufacturing 7	10-12

## ACADEMIC TUTOR - CTE

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Instructor approval

This course allows students to assist other students in a CTE class to improve their skills. It also will provide opportunity for further exploration of course content. This course is academic and different than an instructor's aide.

## ARCHITECTURAL DRAFTING 1

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Strong computer skills required

This course introduces students to architectural design, history of architecture, working drawings, and building structure. Students learn about design concepts through computer design, and by developing working drawings. Students will complete required plan before moving on to the next project. Students earning a C or higher both quarters may advance to Architectural Drafting 2 to continue architectural studies.

## ARCHITECTURAL DRAFTING 2

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Architectural Drafting 1 - C or better in all terms of prerequisite

This course allows students to choose from a variety of projects and plans to create a set of working drawings after the initial required project. Students will use several software programs to develop working drawings to create a set of working drawings after the initial required project. Students will use several software programs to develop working drawings to demonstrate an understanding of building structures. Projects may be commercial and/or residential. Model development may be addressed.

# Career & Technical Education (CTE)

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## **ARCHITECTURAL DRAFTING 3-8**

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Architectural Drafting 2 - C or better in all terms of prerequisite

Architectural Drafting 3-5 allows students to choose from a variety of projects and plans to create a set of working drawings after the initial required project. Students will use several software programs to develop working drawings to create a set of working drawings after the initial required project. Students will use several software programs to develop working drawings to demonstrate an understanding of building structures. Projects may be commercial and/or residential. Model development may be addressed.

## **AUTOMOTIVE SERVICE 1**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

**Other:** RCC credit may be available

This course emphasizes shop and personal safety as well as proper use of hand tools. It includes preventative auto maintenance and small engine troubleshooting and repair. Mechanical tasks include tune-up; oil change and lubrication skills; basic knowledge of cooling, electrical, emission, fuel, and ignition systems. This class will require the ability to take weekly written tests over theory and parts as well as hands on lab skills.

## **AUTOMOTIVE SERVICE 2**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Automotive Service 1- C or better in all terms of prerequisite. Must be at least a sophomore or have instructor approval.

**Other:** RCC dual credit may be available

This course emphasizes specific topics in brake and steering repair and tire replacement and balancing. It includes automotive engine diagnosis and repair and other automotive systems such as emission systems, cooling systems, and electrical systems. This class requires the ability to take weekly written tests over theory and parts as well as hands on lab skills. RCC College Now credit may be available. Automotive Service 2 may be taken as a freshman with instructor approval.

## **AUTOMOTIVE SERVICE 3**

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Automotive Service 2 - C or better in all terms of prerequisite. Must be at least a sophomore or have instructor approval. RCC dual credit may be available.

This course emphasizes specific topics in brake and steering repair and tire replacement and balancing. It includes automotive engine diagnosis and repair and other automotive systems such as emission systems, cooling systems, and electrical systems. This class requires the ability to take weekly written tests over theory and parts as well as hands-on lab skills. RCC College Now credit may be available.

# Career & Technical Education (CTE)

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## **AUTOMOTIVE SERVICE 4-5**

**Term:** Year

**Grades:** 11-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Automotive Service 2. Must be at least a junior or have instructor approval. **Must have a driver's license by the end of first quarter or have instructor approval.** Students entering the NMHS Automotive Service Program from any other school in or outside the Medford School District must take and pass an entry exam before taking the Advanced Automotive class.

This technical preparatory course is for the advanced student who has demonstrated an ability and desire to do more extensive work in the automotive area. The student will learn good techniques for electronics and computer tune up and will have an introduction to drive train, air conditioning service, and brake system overhaul. This course is taught at NMHS. RCC College Now credit may be available.

## **EXPLORING COMPUTER SCIENCE**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** No

**Other:** RCC credit may be available

This class is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of this class is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues. This course can count as computer skills graduation requirement.

## **AP COMPUTER SCIENCE PRINCIPLES**

**Term:** Year

**Grades:** 10-12

**Level:** AP

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Exploring Computer Science (ECS) or Instructor approval

The AP Computer Science Principles course is an introduction to computer science that covers the seven big ideas of: creativity, abstraction, data and information, algorithms, programming, the Internet, and global impact.

## **AP COMPUTER SCIENCE A (JAVA)**

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** AP CS Principles or Instructor approval

The AP Computer Science A course is a college-level introductory course in computer science. A large part of this course is built around the development of computer programs or parts of programs that correctly solve a given problem and that are understandable, adaptable, and where appropriate, reusable. Other important aspects of computer science including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications are covered. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course. Students are prepared for the Advanced Placement Computer Science A.

# Career & Technical Education (CTE)

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## **BUSINESS COMPUTER APPLICATIONS/TECHNOLOGY**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

**Other:** RCC credit may be available

Introduces students to basic computer concepts, software applications, and hardware processing. Students acquire basic competency by using microcomputer applications in operating environments, word processing, spreadsheets, and presentation software. Instruction methods include lecture, demonstration, and hands-on application.

## **CONSTRUCTION TECHNOLOGY 1**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

Students will learn how to safely operate hand and power tools as they design and build projects. Students will receive an introduction to construction trades. This is a creative, hands-on class that involves building projects.

## **CONSTRUCTION TECHNOLOGY 2**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Construction Technology 1 - C or better in all terms of prerequisite

Students will use the knowledge and skills developed in Con Tech 1 to design and build more advanced projects. There will also be a focus on subcontractor trades (electrical, framing). Students will build more advanced projects. This is a creative, hands-on class that involves building projects.

## **CONSTRUCTION TECHNOLOGY 3**

**Term:** Semester

**Grades:** 10-12

**Credits:** 0.5 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Construction Technology 1 & 2 - C or better in all terms of prerequisite

Construction Technology 3 is the first half of a full year advanced Construction Technology series. Construction Technology 3 students will become members of the elite NMHS **Con Tech Crew**, learn job site roles and collaborate to build a variety of projects such as CNC & laser engraving, cabinetmaking, and school and community based projects. They will also develop on-the job skills needed for employment in the construction field.

## **CONSTRUCTION TECHNOLOGY 4**

**Term:** Semester

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Construction Technology 3

Construction Technology 4 students will work with their Crew to complete projects that they started in Construction Technology 3 which may include carpentry, concrete work, framing, electrical, plumbing, siding, finishing, CNC, cabinetmaking, and school and community based projects. Students will have the opportunity to learn computer aided drafting (CAD) and 3D modeling for the production of small and large scale building projects. With instructor approval, students may also participate in internships with local building companies or trades, interview for employment in the Rogue Valley construction industry, and use their building project to meet MSD senior project requirements.

# Career & Technical Education (CTE)

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## **CULINARY ARTS 1**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

Impress your friends and family with new culinary skills you will learn in Culinary Arts 1. You will learn basic food preparation skills including knowledge of kitchen safety, sanitation, measuring equivalents, cooking terms, equipment, nutrition, and meal planning and service. This is the class for those with an interest in food, food preparation, or the restaurant industry.

## **CULINARY ARTS 2**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Culinary Arts 1 – C or higher both quarters

Learn even more about the art and skills involved in food preparation. In this course you will be given the opportunity to learn and practice more advanced food preparation skills including nutrition, food purchasing and marketing, and service.

## **CULINARY ARTS 3-5**

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Culinary Arts 1 and 2 with a B or higher, or approval of instructor

Culinary Arts 3-5 is designed for students with more advanced culinary skills and interests. The students operate a school-based catering business where they will have the opportunity to plan and cater school-related events and to learn by doing.

## **INTRO TO EARLY LEARNING**

**Term:** Semester **Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

**Other:** RCC credit may be available

This course explores professional education and career directions for teachers of young children. Students will be able to observe children in the NMHS Child Development Center. Students considering careers in education, pediatric medicine, speech pathology, teaching, etc. would benefit from this curriculum. This class is a prerequisite for all classes in the Early Learning/Teaching pathway.

## **HUMAN DEVELOPMENT**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Intro to Early Learning - C or better in all terms of prerequisite

This is the second course in a series of three courses that introduces students to the field of early education and human development. Learn more about human development starting with prenatal development. Work through infant milestones, toddler temperament, preschool/school age curriculum, and developmentally appropriate practices. Students will study physical, cognitive, language, emotional, and social characteristics of children. Students will learn through classroom instruction, activities, projects, demonstrations and observations in the NMHS Child Development Center. Completion of this course may meet RCC College Now requirements for three college credits.



# Career & Technical Education (CTE)

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## BEST PRACTICES IN EDUCATION

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Intro to Early Learning & Human Development - C or better in all terms of prerequisite

**Other:** RCC credit may be available

This is the third course in a series of three courses that introduces students to the field of education and human development. Learn how to set up classroom environments so that children will become self-directed in their learning, and learn to promote good health and nutrition. Promote children's physical development by determining their needs and providing appropriate materials and activities. Learn and practice skills for promoting children's cognitive development by involving them in exploring their world. Promote children's communication skills through listening, speaking, emergent reading, and emergent writing. Completion of this course may meet RCC College Now requirements for three college credits.

## EARLY LEARNING FIELD EXPERIENCE 1

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Intro to Early Learning & instructor approval required - C or better in all terms of prerequisite

**Other:** RCC credit may be available/Good attendance is required

This is the first of two courses that provides students with hands-on experiences (field experience) in education and human development. Students will work in a lab setting in the North Medford Child Development Center under the supervision of staff. Students will help promote creativity through encouraging playful expression and freedom of activity. Students will explore dramatic play, creative art materials, and music and movement activities. They will work to enhance the emotional, social, physical, and intellectual development of the children. Three credits of RCC College Now credit may be available if requirements are met.

## EARLY LEARNING FIELD EXPERIENCE 2

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Intro to Early Learning, Early Learning Field Experience 1, & instructor approval required - C or better in all terms of prerequisite

**Other:** RCC credit may be available/Good attendance is required

This is the second of the two courses that provides students with hands-on experiences (field experience) in education and human development. Students will work in a lab setting in the North Medford Child Development Center under the supervision of staff. This is an opportunity to acquire advanced skills and professional practices applicable in the fields of education and program management. Three credits of RCC College Now credit may be available if requirements are met.

## PRACTICUM IN EDUCATION

**Term:** Semester

**Grades:** 11-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Instructor approval only

**Other:** RCC credit may be available

This is the final step in the Early Learning/Teaching Pathway. Students work directly with children gaining experience needed for employment in the field of education. Students will demonstrate professional practices and enhance their communication, collaboration and teaching skills. Practicum hours may be achieved in the NMHS CDC or Medford Elementary Schools. Up to two credits of RCC College Now credits are available if requirements are met. See instructor for specific requirements.

# Career & Technical Education (CTE)

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## ENGINEERING DESIGN 1

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Instructor approval

**Other:** RCC credit may be available - Recommend strong Algebra 1 skills or current enrollment in Geometry

This course introduces students to the technical skills of drawing illustrations to represent and/or analyze design specifications, and then refine these skills to meet industry standards. This course uses exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric constructions, and multiview projections (orthographic) to produce various types of drawings. Three RCC College Now credits may be available.

## ENGINEERING DESIGN 2-9

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Must pass previous level of Engineering Design with C or better

**Other:** RCC credit may be available

This course refines the technical skills of drawing illustrations to represent and/or analyze design specifications using examples drawn from architectural and/or mechanical applications. Basic machining and fabrication processes may be introduced as students draw schematic diagrams featuring cams, gears, linkages, levers, and pulleys using CAD techniques. Dimensioning standards are emphasized. Solidworks, MasterCAM, IntelliCAD, ProEngineer, Inventor, AutoCADD, and ProDesktop are all available software programs. 3D printing will be introduced. Three RCC College Now credits may be available.

## MARKETING 1

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2<sup>nd</sup> Language

**Repeat for Credit:** No

**Prerequisite:** None

**Other:** RCC credit may be available

Do you want to develop leadership skills? Do you want the opportunity to travel? Do you want to develop job skills that employers really value? If you answered "yes" to any of these questions, then marketing may be the course for you! By enrolling in marketing education and joining DECA, you will gain skills in buying and pricing, promotion and sales, advertising and display, and human relations. Through DECA you will travel and gain leadership skills. By working in the Student Store, you will gain work experience and management skills. Marketing makes sense! RCC College Now credit may be available.

## MARKETING ADVANCED - BRANDING

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2<sup>nd</sup> Language

**Repeat for Credit:** Yes

**Prerequisite:** Marketing 1

**Other:** RCC credit may be available

In-depth analysis of marketing strategies including market segmentation, branding, product positioning, market research, consumer behavior, and the four P's of marketing. In this course, you will go through and learn the entire branding process, from how companies choose their brands, measure their effectiveness, and what strategies they use to keep a brand successful in today's marketplace.

# Career & Technical Education (CTE)

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## **METALS MANUFACTURING 1**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

Metals 1 introduces students to the skills needed for the creation and engineering of various required projects using metal as a medium. This course emphasizes learning the correct and safe use of tools. Students will need to consistently demonstrate safety, maturity, and coordination with machine use to maintain enrollment in the class. Students complete required projects to demonstrate competency of welding, sheet metal, machine milling, and lathe work. Due to the size of the lab, class is limited to 20 students total, with priority given to upperclassmen. RCC College Now credit may be available.

## **METALS MANUFACTURING 2**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** C or better in all terms of prerequisite or instructor/admin approval

Metals 2 provides students an opportunity to further develop their skills needed for the creation and engineering of various projects using metal as a medium. Students will choose from a list of projects or design their own that meet the required skill sets. Students will need to consistently demonstrate safety, maturity, and coordination with machine use to maintain enrollment in the class. Students complete projects to demonstrate competency of welding, sheet metal machine milling, and lathe work. Due to the size of the lab, the class is limited to 15 students total, with priority given to upperclassmen. RCC College Now credit may be available.

## **METALS MANUFACTURING 3-8**

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Metals Manufacturing 2-7

Advanced Metals (3-8) provides students a more in-depth opportunity to further develop their skills needed for the creation and engineering of various projects using metal as a medium. Students continue to choose from a list of projects or design their own that meet the required skill sets. Students still will need to consistently demonstrate safety, maturity, and coordination with machine use to maintain enrollment in the class. Students complete projects to demonstrate competency of welding, sheet metal, machine milling, and lathe work. Due to the size of the lab, the class is limited to 15 students total, with priority given to upperclassmen. RCC College Now credit may be available.

## **ROBOTICS 1-2**

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** 9th graders are welcome to take the class if they have passed any one of the following courses: Architectural Design 1, Auto Service 1, Manufacturing Design 1, Metals Manufacturing 1, Woods Manufacturing 1, or instructor approval. Strong Algebra 1 skills are recommended.

Robotics Engineering is for the student who has demonstrated a strong ability with problem solving skills and wishes to develop and explore the robotics engineering process. Programming and robotic design are emphasized. Group and individual projects are required. Students will need to consistently demonstrate safety, maturity, and coordination with equipment use to maintain enrollment in the class.

# Career & Technical Education (CTE)

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## **ROBOTICS 3-8**

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Robotics 1 - C or better in all terms of prerequisite or instructor approval.

Advanced Robotics Engineering is for the student who has demonstrated a strong ability with problem solving skills and wishes to develop and explore the robotics engineering process. Programming and robotic design are emphasized. Group and individual projects are required. Students will need to consistently demonstrate safety, maturity, and coordination with equipment use to maintain enrollment in the class. Strong Algebra 1 skills are recommended.

## **WOODS MANUFACTURING 1**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** None

Woods Manufacturing 1 introduces students to the manufacture of various required projects using wood as a medium. This course emphasizes learning the correct and safe use of power tools. Students will need to consistently demonstrate safety, maturity, and coordination with machine use to maintain enrollment in the class. Students complete required projects to demonstrate competency of wood joinery and power tool use. Materials estimation and project calculation are an integral part of class.

## **WOODS MANUFACTURING 2**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Woods Manufacturing 1 - C or better in all terms of prerequisite

Woods Manufacturing 2 allows students to further develop their manufacturing of wood products skills. Students have the opportunity to either design and engineer their own projects or select pre-designed projects to build that meet requirements that demonstrate competency in drawer construction. Group and individual projects are required. Students will need to consistently demonstrate safety, maturity, and coordination with machine use to maintain enrollment in the class. Materials estimation and project calculation are an integral part of the class. RCC College Now credit may be available.

## **WOODS MANUFACTURING 3-8**

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Woods Manufacturing 2 - C or better in all terms of prerequisite

Advanced Woods Manufacturing 3-8 is for the student who has demonstrated an ability and desire to do more extensive work in the woodworking area. Students strengthen their joinery skills and develop machine maintenance skills. Students have the opportunity to either design and engineer their own projects or select pre-designed projects to build that meet requirements that demonstrate competency in cabinet making. Group and individual projects are required. Students will need to consistently demonstrate safety, maturity, and coordination with machine use to maintain enrollment in the class. Materials estimation and project calculation are an integral part of the class. RCC College Now credit may be available.

## **VIDEO - INTRO**

**Term:** Semester

**Grades:** 9-12

**Credits:** 0.5 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

Broadcasting is a media and broadcasting class designed to provide students with a ground work in various forms of media, including writing, videography, broadcasting, or public speaking. In this course, students will get an introduction and exposure to the field and studio sides of broadcasting. Students will get an introduction to Adobe Premiere, WeVideo, Tricaster, video equipment, audio equipment and lighting equipment.

# Career & Technical Education (CTE)

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## VIDEO - STUDIO 1

**Term:** Semester

**Grades:** 9-12

**Credits:** 0.5 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Video: Intro to Broadcasting

Broadcasting is a media and broadcasting class designed to provide students with a groundwork in various forms of media, including writing, videography, broadcasting, or public speaking. Students will have the opportunity to present their work to the student body via TV broadcast. Students will learn to use a TriCaster mini as well as Adobe premiere to produce live broadcasts with pre-recorded content.

## VIDEO - STUDIO 2

**Term:** Semester

**Grades:** 10-12

**Credits:** 0.5 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Video: Intro to Broadcasting, Video: Studio Production 1

Broadcasting is a media and broadcasting class designed to provide students with a groundwork in various forms of media, including writing, videography, broadcasting, or public speaking. Students will have the opportunity to present their work in the study body via TV broadcast. Students will deepen their understanding of TriCaster mini, as well as Adobe Premiere to produce live broadcasts with pre-recorded content. In Studio Production 2, students will help to run the school's news broadcast (NMHS Live), plan and create content with teacher direction.

## VIDEO - FIELD PROD 1

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Video: Intro to Broadcasting

Student Reporting Labs (SRL) is a network of 150 stand-alone news reporting classes (in middle schools and high schools) across the country that are engaging the next generation of student video journalists, aspiring video production students, and young citizens who care about bettering our democracy through the creation of honest field reporting using journalism industry best practices. Just like these other schools, NMHS is partnered with PBS NewsHour and S.O. PBS for this class. It is a class where students create real news reports that can be aired on real broadcast news, online news platforms, and the possibility exists each year that an excellent NMHS student news report could be accepted by PBS NewsHour to be aired nationally. SRL student-produced work is actually making it onto broadcast news at least once a week via a nightly broadcast (PBS NewsHour reaches 1.8 million viewers every night) and also viewers on the web (4 million per month). If you enroll in this class YOU will be a part of a real PBS NewsHour Student Reporting Labs class here at NMHS, which will be a huge advantage for you some day in relation to landing a great media arts job, adding some serious credibility to your college applications, and helping you get into video or journalism related degree programs at SOU or elsewhere. At the minimum this class will help you build your resume right away, and If you never decide to become a journalist or a video production expert, the digital storytelling skills you learn in class will be an invaluable tool in your skills tool belt in whatever professional environment you find yourself in.

## VIDEO - FIELD PROD 2

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Video: Intro to Broadcasting, Field Production 1, teacher approval and fee if required

Video- Field Production 2 allows students to further develop their video journalism skills. Students have the opportunity work in groups and individually on video reports that will be shown on NMHS Live, YouTube, and possibly PBS Newshour. Projects are students selected and students will be able to show proficiency in following industry standards in the creation of news reports. You will deepen your understanding of Adobe Premier, camera equipment and professionalism.

# English Language Arts

	GRADE			
	9	10	11	12
Course Sequence Options	English 1 Pre-AP English 1	English 2 Pre-AP English 2	English 3	English 4
			AP English Language & Composition	AP English Literature & Composition

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
AP English Language & Composition	2	No	Open enrollment with instructor approval	11
AP English Literature & Composition	2	No	Open enrollment with instructor approval	12
Competitive Speech & Debate	2	Yes	None	9-12
Dramatic Literature: Modern Plays	2	No	None	10
English 1	2	No	None	9
Pre-AP English 1	2	No	None	9
English 2	2	No	None	10
Pre-AP English 2	2	No	Open enrollment with instructor approval	10
English 3	2	No	None	11
English 4 Literature & Composition	2	No	None	12
English Workshop	1	No	Placement based on data	10-12
Journalism	1	No	None	9-12
Literacy Skills	1	No	Placement based on data	9-12
Creative Writing	1	Yes	None	9-12

### ENGLISH 1

**Term:** Year

**Credits:** 1.0 English Language Arts

**Prerequisite:** None

**Grades:** 9

**Repeat for Credit:** No

**NCAA Approved Course**

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections. Students will engage with texts with scaffolding as needed that possess Lexile ranges aligned to College and Career Readiness Standards at 1080-1305.

### PRE-AP ENGLISH 1

**Term:** Year

**Credits:** 1.0 English Language Arts

**Prerequisite:** None

**Grades:** 9

**Repeat for Credit:** No

**Level:** Honors

Texts take center stage in the Pre-AP English 1 classroom, inspiring and preparing all students for close, critical reading and analytical writing. This course trains the reader to observe the small details in a text to arrive at a deeper understanding of the whole. It also trains the reader to appreciate authors' sometimes-subtle choices, developing an awareness of how words produce effects and how the conventions of the English language are used for both precision and style. As writers, students focus first on crafting complex sentences, building this foundational skill; they then move on to producing well-organized paragraphs and, as the year progresses, more sophisticated, longer-form analyses.

# English Language Arts

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## ENGLISH 2

**Term:** Year

**Credits:** 1.0 English Language Arts

**Prerequisite:** None

**Grades:** 10

**Repeat for Credit:** No

**NCAA Approved Course**

This course offers a balanced focus on composition and literature. Students learn about the alternate aims and audiences of written compositions by writing persuasive, critical and creative multi-paragraph thematic essays and compositions. The study of literature encompasses various genres as students improve their close reading skills and vocabulary acquisition. Students develop the ability to determine an author's intent and theme and to recognize the writing techniques employed to achieve the author's purpose.

## PRE-AP ENGLISH 2

**Term:** Year

**Credits:** 1.0 English Language Arts

**Prerequisite:** Open enrollment with instructor approval

**Grades:** 10

**Repeat for Credit:** No

**NCAA Approved Course**

**Level:** Honors

Designed to prepare students for the scope and rigor of college-level AP courses, Pre-AP English II will enable students to critically read, analyze and respond to works of literary merit. Students will study authorial intent, theme, figurative language, rhetoric, argument and more to build the necessary foundation for success in future AP English classes. Students learn to use syntax correctly and stylistically, to write with precision and clarify for a variety of purposes and audiences. Students will engage with texts, construct texts, focus on language, and enter and explore conversation and investigate topics through research.

## ENGLISH 3

**Term:** Year

**Credits:** 1.0 English Language Arts

**Prerequisite:** None

**Grades:** 11

**Repeat for Credit:** No

**NCAA Approved Course**

This course continues to develop student's writing skills, emphasizing logical writing patterns, word choice, and usage. Students continue to read works of literature that emphasize exploration of literary elements and stylistic devices, with an emphasis on informational texts. Students will write narrative, literary analysis, and researched argument essays. Writing requirements include the junior argumentative research paper.

## AP ENGLISH LANGUAGE & COMPOSITION

**Term:** Year

**Credits:** 1.0 English Language Arts

**Prerequisite:** Open enrollment with instructor approval

**Grades:** 11

**Repeat for Credit:** No

**Other:** SOU credit may be available

**Level:** AP

**NCAA Approved Course**

Designed to parallel college-level English courses, AP Language and Composition exposes students to prose written in a variety of periods, disciplines and rhetorical contexts. Emphasis is placed on the interaction of authorial purpose, intended audience, and the subject at hand; students learn to develop stylistic flexibility as they write compositions covering a variety of subjects and intended for various purposes. Students may earn advanced credits through Southern Oregon University, or may elect to take the AP Language & Composition exam. Students completing this course fulfill the district & state requirements for English 3 Honors.

# English Language Arts

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## ENGLISH 4 LITERATURE & COMPOSITION

**Term:** Year

**Grades:** 12

**Credits:** 1.0 English Language Arts

**Repeat for Credit:** No

**Prerequisite:** None

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Students will learn to critically read relevant texts, participate in class discussions, and write multi-paragraph essays, along with one major research essay on a topic of their choosing. The outcome of this final year of English is designed to help students polish the skills they already possess and prepare them with the critical reading, writing, and speaking skills necessary for any post-secondary option they may choose, including the workforce, the military, trade school, or college.

## AP ENGLISH LITERATURE & COMPOSITION

**Term:** Year

**Grades:** 12

**Level:** AP

**Credits:** 1.0 English Language Arts

**Repeat for Credit:** No

**Prerequisite:** Open enrollment with instructor approval **Other:** SOU credit may be available **NCAA Approved Course**

Designed to parallel college-level English courses, AP Literature and Composition introduces students to a variety of literature in order to enrich their understanding of the great works and to explore the deep and profound questions about life and meaning that authors, playwrights, and poets have been addressing for centuries. This course builds students' skills, allowing them to

- read, comprehend, and analyze a broad section of literature from a variety of historical periods, cultures, literary perspectives and genres;
- write valid interpretations of literary content and analysis, expressing ideas clearly and skillfully with stylistic maturity, and
- discuss literary themes with empathy and insight.

For those interested, students may elect to take the AP Literature and Composition exam for credit with a passing score. In addition, this course qualifies for English 104 & 105 through Advanced Southern Credits.

## LITERACY SKILLS

**Term:** Semester

**Grades:** 9-10

**Credits:** .50 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Placement based on data

Literacy Skills emphasizes instruction of reading, writing and speaking/listening skills. Building vocabulary, developing automaticity in reading, writing for a variety of purposes (narrative/explanatory/argumentative) and analyzing and annotating texts are key components of instruction. This course utilizes various digital literacy resources (Achieve3000, Read 180, NewsELA, etc.) that adjust/differentiate for students' levels/needs. Recommendation for this course is based on students' achievement scores in reading and achievement in classes.

## COMPETITIVE SPEECH & DEBATE

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** None

**Other:** College credit may/may not be available

This is a performance-based class in which students will perform dramatic scenes, comedic scenes, prep and participate in mock congressional debates, write informative and persuasive speeches, debate political topics, and more. The class is designed around student choice and the freedom to research and critique current events, literary material, and philosophical ideas. Students learn the methods and styles of a variety of competitive speech, debate, and interpretive events. The team travels to tournaments within the Rogue Valley and participation in competition is encouraged. Lessons include logical thinking, public speaking techniques, performance techniques, rhetoric, and impromptu activities.



# English Language Arts

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## **JOURNALISM**

**Term:** Semester

**Credits:** .50 Elective

**Prerequisite:** None

**Grades:** 9-12

**Repeat for Credit:** No

**NCAA Approved Course**

This course includes an overview of the field of journalism and mass communication. Students learn to be consumers of media, to understand news gathering and production and will explore the role of media in the communications industry in society. This course includes instruction in basic news writing, reporting, editing, discussion of legal and ethical issues.

## **ENGLISH WORKSHOP**

**Term:** Semester

**Credits:** .50 Elective/English Language Arts

**Prerequisite:** Placement based on data

**Grades:** 10-12

**Repeat for Credit:** No

This course is designed to help students meet the Essential Skill Requirements for Reading and Writing for the Oregon Diploma. Students will be placed in this course by recommendation of the English department and administration. Students take this course in addition to a regular English course.

## **CREATIVE WRITING**

**Term:** Semester

**Credits:** .50 Elective

**Prerequisite:**

**Grades:** 9-12

**Repeat for Credit:** Yes

In this course students will read, critique, and compose original poetry, essays, short fiction, and creative non-fiction. Students will examine the works of published writers as well as peers to discover, expand, and refine their own skills, voice, and repertoire. Students will share their work for both written and oral peer critique. Publication will be strongly encouraged as students develop portfolios of their writing.



# Health & Healthcare Careers

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
Family Health	1	No	None	12
Intro to Healthcare Careers	1	No	None	9,10
Health Careers I	2	No	Intro to Healthcare Careers	11-12
Health Careers II	2	No	Health Careers I	12
Personal Health	1	No	None	10

### PERSONAL HEALTH

**Term:** Semester

**Grades:** 10

**Credits:** .50 Health Ed

**Repeat for Credit:** No

**Prerequisite:** None

One semester of Personal Health is required. This comprehensive health class places emphasis on the wellness lifestyle concept. Areas of study include self-responsibility and decision making, nutrition, stress management, physical fitness, mental health, American Health Association Heartsaver First Aid/CPR, drug education and prevention education, and sexual health.

### FAMILY HEALTH

**Term:** Semester

**Grades:** 12

**Credits:** .50 Health Ed

**Repeat for Credit:** No

**Prerequisite:** None

One semester of Family Health is required. This semester's class places an emphasis on being health-literate, and being able to obtain and apply knowledge and skills to enhance personal health and the health of others – both now and in the future as needs change throughout life. Topics include concepts related to health promotion, interpersonal relationships and how they change throughout life, and analysis of the influences of family, peers, culture, media, and technology on healthy behaviors. Students will also demonstrate the ability to advocate for personal, family, and community health, and for the promotion of respect and empathy for individual differences.

### INTRODUCTION TO HEALTHCARE CAREERS

**Term:** Semester

**Grades:** 9-10

**Credits:** .5 Elective

**Repeat for Credit:** No

**Prerequisite:** None

Introduction to Healthcare Careers is a one semester introductory course designed to introduce students to the field of Health Services. Topics included in this course: history of health care, healthcare career exploration, healthcare systems, careers and wellness, growth and development, social conditions, complementary careers and alternative medicine, forensics and ethics.

### HEALTH CAREERS I

**Term:** Year

**Grades:** 11-12

**Credits:** 1.0 Elective

**Repeat for Credit:** No

**Prerequisite:** Intro to Healthcare Careers

**Other:** RCC credit may be available

This course focuses on exploring Healthcare careers. Students are introduced to a comprehensive range of professions in healthcare. Students will explore career choices including educational requirements, job outlooks, requirements, wages, and employer expectations. Students will also study medical terminology in preparation for Health Careers 2. Prefixes, suffixes, word roots, abbreviations and symbols are included in the content. Emphasis is placed on spelling, definition usage and pronunciation.

# Health & Healthcare Careers

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## HEALTH CAREERS II

**Term:** Year

**Grades:** 12

**Credits:** 1.0 Elective

**Repeat for Credit:** No

**Prerequisite:** Health Careers I

This class will focus on building skills for those wanting to work in the healthcare field. Students will build on the information learned in Health Careers 1. This course will include hands-on skills, performing patient care, participating in simulation, and real clinical experience in the community. Students also may have opportunities to earn certifications in phlebotomy, nursing assistant, BLS Healthcare Providers, and take the National Health Science Assessment.



# Mathematics

Secondary Math Course Pathways						
	Grade					
	7th	8th	9th	10th	11th	12th
Samples of Steps to Meet Graduation Requirements for Math	Math 7	Math 8	Expanded Algebra A/B	Expanded Algebra C	Transitional Algebra w/ Geometry	Algebra 2
				Probability & Statistics		
	Math 7	Math 8	Algebra 1	Geometry	Algebra 2	Statistics*, AP Stats*, Pre Calculus
				Probability & Statistics		
	Pre-Algebra	Algebra 1	Geometry Honors	Algebra 2 Honors	Pre-Calculus Honors*, AP Stats*	AP Calculus AB* or AP Stats*
			Probability & Statistics Honors			
	Algebra 1	Geometry Honors	Algebra 2 Honors	Pre-Calculus Honors*	AP Calculus BC* or AP Stats*	AP Calculus BC* or AP Stats*
		Probability & Statistics Honors				
	End of steps to meet graduation requirements			Meets entry requirements for Oregon Public Universities		* means the course may be offered for Dual Credit/College Credit

# Mathematics

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
Algebra 1	2	Yes (Elective credit only)	None	9-12
Expanded Algebra A/B	2	Yes (Elective credit only)	None	9-12
Expanded Algebra C	1	Yes (Elective credit only)	None	9-12
Algebra 2	2	Yes (Elective credit only)	Algebra I , Geometry & Prob/Stats	9-12
Transitional Algebra	2	Yes (Elective credit only)	Instructor approval	10-12
Algebra 2 Honors	2	Yes (Elective credit only)	Algebra 1, Geometry Honors or instructor approval	9-12
AP Calculus AB	2	Yes (Elective credit only)	Pre-Calculus Honors & instructor approval	11-12
AP Calculus BC	2	Yes (Elective credit only)	AP Calculus AB	11-12
AP Statistics	2	Yes (Elective credit only)	Algebra 2	10-12
Geometry	1	Yes (Elective credit only)	Expanded Algebra 1A/1B or one semester of Algebra I	9-12
Statistics/Probability	1	Yes (Elective credit only)	Geometry or Expanded Algebra C	9-12
Geometry Honors	1	Yes (Elective credit only)	Algebra 1 or instructor approval	9-12
Statistics/Probability Honors	1	Yes (Elective credit only)	Geometry Honors	9-12
Math Support	Varies	Yes (Elective credit only)	Placement based on data	9-12
Pre-Calculus	2	Yes (Elective credit only)	Algebra 2	10-12
Pre-Calculus Honors	2	Yes (Elective credit only)	Algebra 2 Honors or Algebra 2 with instructor approval	9-12
Statistics	2	Yes (Elective credit only)	Algebra 2	12

# Mathematics

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## EXPANDED ALGEBRA A/B

**Term:** Year

**Credits:** 1.0 Mathematics

**Prerequisite:** None

**Grades:** 9

**Repeat for Credit:** Yes (Elective)

**NCAA Approved Course**

Expanded Algebra A/B is the first and second semester of the three semester series to complete Algebra 1 learning standards. It is a prerequisite for Expanded Algebra C. This course lays the foundation for mathematical literacy that will help students be successful in every subsequent course in mathematics.

## EXPANDED ALGEBRA C

**Term:** Semester

**Credits:** .5 Mathematics

**Prerequisite:** Expanded Algebra A/B or one semester of Alg 1

**Grades:** 10

**Repeat for Credit:** Yes (Elective)

**NCAA Approved Course**

Expanded Algebra C is the third and final semester of the three semester series to complete Algebra 1 learning standards. This course lays the foundation for mathematical literacy that will help students be successful in every subsequent course in mathematics.

## ALGEBRA 1

**Term:** Year

**Credits:** 1.0 Mathematics

**Prerequisite:** None

**Grades:** 9-12

**Repeat for Credit:** Yes (Elective)

**NCAA Approved Course**

Algebra 1 is a foundational course, introducing students to the advanced concepts covered in high school mathematics. Algebra 1 is the bridge between concrete and abstract mathematics. Topics include solving equations, applications of equations, graphing solution sets of equations, applications and interpretations of graphs, solving inequalities, graphing solution sets of inequalities, methods of finding a solution to a system of equations, and applications of a system of equations.

## GEOMETRY

**Term:** Semester

**Credits:** .5 Mathematics

**Prerequisite:** Algebra 1 or Expanded Algebra 1A/1B

**Grades:** 9-12

**Repeat for Credit:** Yes (Elective)

**NCAA Approved Course**

This course will focus on the use of modeling and problem solving through the study of shapes and spatial relationships. The essential learnings include topics such as right triangle trigonometry and volume in the context of real world problems; and angle relationships represented by algebraic expressions and equations.

## PROBABILITY & STATISTICS

**Term:** Semester

**Credits:** .5 Mathematics

**Prerequisite:** Algebra 1 or Expanded Algebra C

**Grades:** 9-12

**Repeat for Credit:** Yes (Elective)

**NCAA Approved Course**

This course provides students the opportunity to study up-to-date statistical topics and techniques that will prepare them for success in post-secondary careers and statistics courses. Activities will involve students in collecting, displaying and interpreting data.

# Mathematics

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## GEOMETRY HONORS

**Term:** Semester

**Grades:** 9-12

**Level:** Honors

**Credits:** .5 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 1 and instructor approval

**NCAA Approved Course**

This advanced course will focus on the accelerated use of modeling and problem solving through the study of shapes and spatial relationships. The essential learnings include topics such as trigonometry and volume in the context of real world problems, similarity, and angle relationships represented by algebraic expressions and equations.

## PROBABILITY & STATISTICS HONORS

**Term:** Semester

**Grades:** 9-12

**Level:** Honors

**Credits:** .5 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 1 or Algebra 1A/1B (Honors with instructor approval) **NCAA Approved Course**

This advanced course will focus on the accelerated opportunity to study up-to-date statistical topics and techniques that will prepare them for success in post-secondary careers and statistics courses. Activities will involve students in collecting, displaying and interpreting data.

## TRANSITIONAL ALGEBRA

**Term:** Year

**Grades:** 11-12

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Instructor approval

Students will study several basic topics in Algebra 2 and Geometry. The pacing will allow for extended practice on each topic. The course has a restricted enrollment. Students may be recommended for this class through their IEP and/or by recommendation of an NMHS math teacher.

## ALGEBRA 2

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 1 and Geometry

**NCAA Approved Course**

Algebra 2 continues the study of Algebra and is a college-prep course. This course includes topics such as systems of inequalities, linear programming, exponential functions, logarithmic functions, function notation and applications, operations with polynomials, and test-taking strategies.

## ALGEBRA 2 HONORS

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 1 and Geometry, and Instructor approval **NCAA Approved Course**

Algebra 2 Honors course covers the topics found in the Algebra 2 course description. It is designed for students who are advanced in their conceptual understanding and math skills. The course is taught in such a way as to allow for greater depth, faster pace, and higher level thinking skills.

# Mathematics

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## PRE-CALCULUS

**Term:** Year

**Grades:** 10-12

**Level:** Honors

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 2

**Other:** RCC credit may be available **NCAA Approved Course**

Pre-Calculus topics include linear functions, quadratic functions, graphing polynomials, rational and inverse functions, systems of equations and inequalities, zeros of polynomials, complex numbers, exponential and logarithmic functions, and conic sections. Students may be eligible to earn Math 111 College Now credit through RCC for this course. See instructor for details.

## PRE-CALCULUS HONORS

**Term:** Year

**Grades:** 10-12

**Level:** Honors

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 2 Honors or Instructor approval

**Other:** SOU/RCC credit may be avail. **NCAA Approved Course**

Pre-Calculus Honors covers all of the topics found in the Pre-Calculus course description above. This course is designed for students who are advanced in their maturity and math ability. Throughout the year, students will develop a conceptual understanding of the derivative as well as acquire skill in its fundamental computations. Additional topics include polar coordinates, parametric equations, and vectors. Students may be eligible to register for college credit through SOU for this course. See instructor for details.

## STATISTICS

**Term:** Year

**Grades:** 12

**Level:** Honors

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 2

**Other:** RCC credit may be avail. **NCAA Approved Course**

Students will learn a variety of statistical topics and techniques. Students will learn how to use Google sheets, Excel, or a graphing calculator to do many different types of calculations, graphs and analyses of data on almost a daily basis. We will spend time learning how to fit functions to real life data to allow us to synthesize, make inferences, draw conclusions about cause and effect, make predictions, and know what to do if we have no functions to fit our data. We will also learn how to design statistical surveys and experiments in order to apply our knowledge and present findings to one another.

## AP STATISTICS

**Term:** Year

**Grades:** 10-12

**Level:** AP

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Algebra 2

**Other:** SOU credit may be avail. **NCAA Approved Course**

AP Statistics closely parallels a college-level statistics course, emphasizing reading and problem solving. The learning strategies, activities, and labs emphasize real-life applications using real data. Calculators and computers will be used. Students will have the opportunity to take the AP Statistics exam. Topics include event probability, probability distributions including binomial and normal distributions, analysis of data, measures of central tendency and variability, random variables, random sampling, central limit theorem, confidence intervals, and hypothesis testing. College credit may be available through SOU.

## AP CALCULUS AB

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Mathematics

**Repeat for Credit:** Yes (Elective)

**Prerequisite:** Pre-Calculus Honors, and Instructor approval

**Other:** SOU credit may be avail. **NCAA Approved Course**

AP Calculus AB is a year-long college level course that is demanding and exhilarating. The two branches of Calculus will be explored: differentiation and integration. This course is designed for students who are advanced in their maturity and math ability. It is taught in such a way as to allow for greater depth, faster pace, and higher level thinking skills. Students in this class can either take the AP Calculus AB exam or register for college credit through SOU.



# Mathematics

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## AP CALCULUS BC

**Term:** Year

**Credits:** 1.0 Mathematics

**Prerequisite:** AP Calculus AB

**Grades:** 11-12

**Repeat for Credit:** Yes (Elective)

**Other:** SOU credit may be avail. **NCAA Approved Course**

**Level:** AP

AP Calculus BC is a year of Calculus for those students who have already successfully completed first year Calculus. It is designed to have students deepen their understanding of year one topics in differentiation and integration through additional applications and projects and learn a variety of new topics including: sequences and series, Taylor and MacLaurin series, and parametric, polar, and vector functions. Upon completion of the course, students will be prepared to take the AP Calculus BC exam and/or earn Calculus 3 college credit through SOU.

## MATH SUPPORT

**Term:** Varies

**Credits:** Varies

**Prerequisite:** Placement based on data

**Grades:** 9-12

**Repeat for Credit:** Yes (Elective)

Through the pre-teaching and re-teaching of concepts, and through extra practice on these topics, students will be supported in achieving success in their math class. Review for test retakes from the current quarter and opportunities for retrieving credit from previous quarters will also be provided. As students become proficient, they will be given opportunities to reach advanced and mastery levels by working through advanced materials with assistance.



# Physical Education

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
PE – Recreational Games/Fitness	1	Yes	None	9-12
Self-Directed Fitness	1	Yes	None	9-12
Lifetime Wellness	2	No	None	10-12
PE – Weights 1	1	Yes	None	9-12
PE – Weights 2	1	Yes	Weights 1	9-12
Strength & Conditioning	1	Yes	Weights 1 & 2, Teacher approval	10-12

### PE - RECREATIONAL GAMES/FITNESS

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Physical Education

**Repeat for Credit:** Yes

**Prerequisite:** None

Recreational Games is a course that emphasizes various activities incorporating large team, small team and individual participation. Sportsmanship, and positive social interaction are stressed. This course comprises net sports, including volleyball, badminton, and pickleball, as well as the more traditional games like basketball, flag football, soccer, and Frisbee golf. There is a portion of fitness, strength and cardiovascular training in addition to the games.

### PE - TORNADO SELF-DIRECTED FITNESS

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Physical Education

**Repeat for Credit:** Yes

**Prerequisite:** None

Self-directed Fitness introduces the student to the fundamental relationship between physical fitness and a healthy lifestyle. Varied physical activities are introduced to give the student practical experiences with the ultimate goal of self directed lifetime wellness. Guest teachers will supplement quality instruction to inspire and prepare students for the world of fitness and wellness in the local community. This class will be for students to work out in the weightroom or play a sport of their choice. The class will be structured as a gym and the students will maintain a membership for a grade, it will give students the opportunity to showcase their ability to maintain a healthy physical lifestyle that is not directed by a school. Students will have a subject matter expert that can assist them with questions or workouts.

### PE - LIFETIME WELLNESS

**Term:** Year

**Grades:** 10-12

**Credits:** .50 Physical Education/.5 Personal Health

**Repeat for Credit:** No

**Prerequisite:** None

With a focus on health and fitness, this course guides students to be active and healthy now and for a lifetime. Effective strategies and techniques are a foundation of the course so that students can continually make improvements in all areas of wellness. Students will set personal goals in four areas of wellness: physical, emotional, social, and academic. Fitness assessments enable students to establish baseline levels of fitness and work toward improvement in specific areas. At the end of each unit, students submit a wellness plan documenting their daily physical activity, progress toward goals, changes in fitness assessment results, and reflections on personal progress. By following individualized training principles, students can achieve personal success and gain confidence, while they develop healthy life-time habits. The course uses videos, graphics, and interactive learning opportunities to encourage students to eat well, get up, and be active.

# Physical Education

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## **PE – WEIGHTS 1**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Physical Education

**Repeat for Credit:** Yes

**Prerequisite:** None

This class is intended as an introduction to concepts associated with strength and conditioning. Ideally for 9th graders, it is open to anyone new to the tenets of gaining strength. A large emphasis on beginning technique, activities, and safety will be given.

## **PE – WEIGHTS 2**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Physical Education

**Repeat for Credit:** Yes

**Prerequisite:** Weights 1

This is a physically demanding course with major emphasis directed to athletic development through strength, speed, and flexibility training.

## **PE – STRENGTH AND CONDITIONING**

**Term:** Semester

**Grades:** 9-12

**Credits:** .50 Physical Education

**Repeat for Credit:** Yes

**Prerequisite:** Weights 1, Weights 2, and Teacher approval

Strength and Conditioning is an advanced weight training class to provide opportunities for students to become better all around athletes. This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training, speed, and agility based activities. Students will learn the basic fundamentals of strength, speed, and agility training. The class will include a variety of activities through multiple strength phases. Students will be empowered to make wise choices, challenge themselves, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.



# Science

	Grade			
	9	10	11	12
<b>Samples of Steps to Meet Graduation Requirements for Science</b>	Biology Honors Biology	Chemistry 1 Chemistry 1 Honors Physical Science	<ul style="list-style-type: none"> <li>•Forensics</li> <li>•Environmental Science</li> <li>•Physics</li> <li>•Astronomy</li> <li>•Anatomy &amp; Physiology</li> <li>•Zoology</li> <li>•AP Chemistry</li> <li>•AP Biology</li> <li>•AP Physics</li> </ul>	<ul style="list-style-type: none"> <li>•Forensics</li> <li>•Environmental Science</li> <li>•Physics</li> <li>•Astronomy</li> <li>•Anatomy &amp; Physiology</li> <li>•Zoology</li> <li>•AP Chemistry</li> <li>•AP Biology</li> <li>•AP Physics</li> </ul>

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
Anatomy & Physiology	2	No	Biology	11-12
AP Biology	2	No	Biology & Chemistry, or instructor approval	11-12
AP Chemistry	2	No	Chemistry 1 Honors & concurrent enrollment in pre-calculus or higher math course	11-12
AP Physics	2	No	Concurrent enrollment in Pre-Calculus or higher	11-12
Astronomy	2	No	Geometry, Biology, Physical Science or Chemistry	11-12
Biochemistry	2	No	Chemistry & Biology	11-12
Biology	2	No	None	9-12
Biology Honors	2	No	Teacher recommendation from MSD middle school	9-10
Chemistry 1	2	No	Biology & passed Algebra 1	10-12
Chemistry 1 Honors	2	No	Biology & passed Algebra 1	10-12
Environmental Science	2	No	Passed Biology & Physical Science (or concurrent enrollment)	11-12
Forensic Science	2	No	Passed Biology & Physical Science (or concurrent enrollment)	11-12
General Zoology	2	No	Grades 11 & 12 – One year of Biology or instructor approval, and one year of Physical Science (may be concurrent) Grade 10 – In addition, must be enrolled concurrently in Chemistry 1 or Chemistry 1 Honors	11-12
Physical Science	2	No	None	10-12
Physics	2	No	Concurrent enrollment in Algebra 1 or Geometry	11-12

# Science

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## BIOLOGY

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:**

**NCAA Approved Course**

This course is a COLLEGE-PREPARATORY course designed to provide a student with a solid background in the fundamental concepts of life and life processes. Students will study selected biological topics including cellular biology, taxonomy, cell chemistry, genetics, microbiology, reproduction, photosynthesis, respiration, embryology, and ecology.

## BIOLOGY HONORS

**Term:** Year

**Grades:** 9-10

**Level:** Honors

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Teacher recommendation from MSD middle school or supporting data from out-of-district school

**Other:** RCC credit may be available **NCAA Approved Course**

This COLLEGE-LEVEL course is designed for motivated students of high academic ability and maturity. Students in this class also should have a keen interest in science. While the general course description for Biology also applies to Biology Honors, the topics will often be covered in greater depth and breadth. Some topics will likely be covered more quickly. Students are expected to complete independent individual projects. In addition, an emphasis will be placed on higher level thinking skills. RCC-SOU credit option.

## AP BIOLOGY

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Concurrent enrollment in Algebra or higher math course

**Other:** RCC credit may be available **NCAA Approved Course**

This COLLEGE-LEVEL course is, as much as possible, a comprehensive coverage of the biological sciences. This course stresses the development of the conceptual framework, factual knowledge, and (though labs) analytical skills essential for dealing in a critical manner with the ever-changing nature of biology as a science. Three general areas are dealt with in this course. Twenty-five percent of the course addresses molecules and cells, 25% is devoted to genetics and evolution, and the remaining 50% focuses on organisms and populations. SOU credit option.

## PHYSICAL SCIENCE

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** None

**NCAA Approved Course**

This course is an introductory course covering topics in physics, chemistry, and earth science. Students will also learn fundamentals of scientific problem-solving including design, conducting experiments, and writing lab reports. This course will feature practical hands-on activities. Chemical topics will include the periodic table, chemical bonding/reactions, solutions, etc. Physics topics will include motion, forces, energy, etc. Earth topics will include geology, meteorology, and astronomy.

## CHEMISTRY 1

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Biology, and concurrent enrollment in Geometry or higher math course **NCAA Approved Course**

This is a COLLEGE-PREPARATORY course which covers the fundamental concepts of lab skills and safety, atomic theory and nuclear chemistry, EMR, stoichiometry, bonding, chemical reactions, gas laws, solutions, and the energy changes involved in chemical reactions. Student knowledge and insight into how chemistry principles are present in the home and in the real world is expanded through collaborative learning, lectures, laboratory activities, classroom discussion, textbook readings, and demonstrations. Scientific inquiry methods provide the foundation for learning concepts.

# Science

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## CHEMISTRY 1 HONORS

**Term:** Year

**Grades:** 10-12

**Level:** Honors

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Biology & concurrent enrollment in Geometry or higher math course

**Other:** SOU & RCC credit may be available **NCAA Approved Course**

This is a COLLEGE-PREPARATORY course which covers the same general topics found in the Chemistry 1 course, including lab skills and safety, atomic theory and nuclear chemistry, EMR, Quantum theory, stoichiometry, bonding, chemical reactions, gas laws, solutions, acid/base reactions and the energy changes involved in chemical reactions. Topics are explored at an accelerated rate, in much greater depth, and with greater use of mathematics. Emphasis is placed on not merely knowing a theory or concept, but also on understanding its application and derivation. Student knowledge is expanded through collaborative learning, lectures, laboratory activities, classroom discussion, textbook readings, and demonstrations. Scientific inquiry methods provide the foundation for learning concepts. RCC and SOU credit option.

## ENVIRONMENTAL SCIENCE

**Term:** Year

**Grades:** 11-12

**Level:** Honors

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Passed Biology & Physical Science (or concurrent enrollment)

This course covers the complex interactions between Earth's major systems (biosphere, hydrosphere, geosphere, atmosphere) with a distinct focus placed on human environmental impacts and the importance of sustainability. Students will cultivate their scientific critical thinking skills while researching environmental issues that affect us on a local level in the Rogue Valley (wildfires, air quality, forestry, agriculture, water quality, waste management) and environmental issues that impact health, survival, and biodiversity on a global scale (climate change, ecosystem dynamics, overconsumption, renewable energy, pollution, ocean acidification, deforestation, overpopulation).

## FORENSIC SCIENCE

**Term:** Year

**Grades:** 11-12

**Credits:** 1.0 Science

**Repeat for Credit:** No

**NCAA Approved Course**

**Prerequisite:** Passed Biology & Physical Science (or concurrent enrollment)

This course is a lab-based introduction to Forensics – the application of scientific tools and principles to help solve crimes. Students will gain skills in scientific inquiry, critical thinking, and macroscopic/microscopic investigation as they explore how to recognize, collect, and analyze evidences from the following areas: hair, fibers, fingerprints, blood spatter, DNA, drugs, poisons, documents, wildlife, plants, ballistics, death, insects, skeletal remains, and criminal psychology.

## ANATOMY AND PHYSIOLOGY

**Term:** Year

**Grades:** 11-12

**Level:** Honors

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Biology

**Other:** SOU credit may be avail. **NCAA Approved Course**

This is an advanced COLLEGE-LEVEL biological course of study which focuses on the general body plan and specific systems (skeletal, muscular, nervous, circulatory, digestive etc.). This course involves extensive laboratory activities including anatomical dissections. This course is recommended for students interested in careers in medicine. Students enrolled in this class may register for college credit through SOU.

# Science

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## AP BIOLOGY

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Biology & Chemistry or instructor approval **Other:** SOU credit may be available **NCAA Approved Course**

This is a COLLEGE-LEVEL course that is, as much as possible, a comprehensive coverage of the biological sciences. This course stresses the development of the conceptual framework, factual knowledge, and (through labs) analytical skills essential for dealing in a critical manner with the ever-changing nature of biology as a science. Three general areas are dealt with in this course. Twenty-five percent of the course addresses molecules and cells, 25% is devoted to genetics and evolution, and the remaining 50% focuses on organisms and populations. Potential benefits of taking AP Biology include being prepared to take the AP Biology exam. SOU credit optional.

## AP CHEMISTRY

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Honors Chemistry; concurrent enrollment in pre-calculus or higher math course

**Other:** SOU credit may be available **NCAA Approved Course**

The chief goal of this fast-paced COLLEGE-LEVEL course is to prepare students to master the chemistry concepts and knowledge defined by the College Board and assessed on the AP Chemistry exam. Students conduct college-level work in chemistry, covering topics such as equilibrium, thermodynamics, and kinetics, and further develop fundamental chemistry concepts introduced in Honors Chemistry. The laboratory activities, equivalent to those of typical college courses, are completed collaboratively and utilize an inquiry approach involving probeware and technology. Students can earn 12-15 college credits by passing the AP exam.

## AP PHYSICS

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Science

**Repeat for Credit:** No

**Prerequisite:** Completion of Algebra 2 or higher (or concurrent enrollment)

**NCAA Approved Course**

This COLLEGE-LEVEL course is a broad survey designed to present a wide range of real-world phenomena and the physical laws that explain them. Students will make use of science and engineering practices to investigate topics ranging from motion, forces, gravitation, energy, waves, momentum, simple harmonic motion, torque, and rotational motion. Special focus will be placed on designing and conducting experiments, analyzing data, and developing solutions to complex real-world problems. The rigor of this class is equivalent to an introductory college physics course and will make regular use of skills learned in Geometry and Algebra 2. To be successful, students will need to be comfortable with algebraic manipulations and trigonometry. Students will leave the course with the ability to apply their understanding of physics to solve complex real-world problems. We will accomplish these objectives through lab work, class activities, class discussions, and solving and presenting problems. By the end of the school year, students will be prepared to take the AP Physics exam.

## ASTRONOMY

**Term:** Year

**Grades:** 10-12

**Level:** Honors

**Credits:** 1.0 Science

**Repeat for Credit:** Yes, as Science elective credit

**Prerequisite:** 11/12th grade or 10th grade concurrently enrolled in Chemistry; 2 years of Science: 1 year in Biological Sciences and 1 year in Physical Sciences; 2 years of Math of at least Algebra 1 & Geometry and enrolled in Algebra 2

**Other:** SOU credit may be available

**NCAA Approved Course**

This course is a COLLEGE-LEVEL COURSE taught by the use of the district planetarium and includes study in the solar system, stars, galaxies, and interstellar bodies, and deep space research. Students learn how to operate telescopes and identify the essential parts of the solar system. Astronomy culminates with a rocketry unit where each student designs, engineers, tests, and launches a homemade rocket. Students enrolled in this class may register for college credit through SOU if they have completed or are currently enrolled in Algebra 2.

# Science

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## BIOCHEMISTRY

**Term:** Year

**Credits:** 1.0 Science

**Prerequisite:** Chemistry and Biology

**Grades:** 11-12

**Repeat for Credit:** No

This course explores the many varieties of carbon compounds and focuses on the four basic macromolecules present in life forms. Studies begin with hydrocarbons and expand to include recognition and classification of the common functional groups. The course will also incorporate an exploration of genetics. Students pursuing a career in the medical arts can use this course to provide basic knowledge that will be applied in college level Organic Chemistry.

## GENERAL ZOOLOGY

**Term:** Year

**Credits:** 1.0 Science

**Prerequisite:** *For grades 11 and 12* - One year of Biology or permission of instructor, and one year of a Physical Science (may be concurrent)  
*For grade 10* – In addition to the above prerequisites, sophomores must also be enrolled concurrently in Chemistry or Chemistry Honors

**Grades:** 10-12

**Level:** Honors

**Repeat for Credit:** No

**Other:** SOU or RCC credit may be available

**NCAA Approved Course**

This is an advanced COLLEGE-LEVEL biology course where students will learn about the classification and biology of animals. This course has been designed to provide a general study of the Animal Kingdom, including both invertebrates and vertebrates. Specific topics covered will include phylogeny, diversity, anatomy, morphology, physiology and life cycles. Aspects of their ecology and behavior will also be discussed. Students are expected to have extensive study skills which will assist them in classroom discussion, textbook readings, and pre-lab assignments. This course will also require extensive laboratory activities, including anatomical dissections and individual projects. This course may be taken for RCC credit (4 credits) & SOU credit (8 credits).

## PHYSICS

**Term:** Year

**Credits:** 1.0 Science

**Prerequisite:** Completion of Algebra 1 and Geometry

**Grades:** 11-12

**Repeat for Credit:** No

**NCAA Approved Course**

This Physics course provides students with an opportunity to develop their overall scientific literacy while engaging with real-world phenomena and the physical laws that explain them. Students will use science and engineering practices to gain an understanding of topics like motion, forces, energy, electromagnetism, and various wave phenomena like sound and light. Special focus will be placed on developing a deep conceptual understanding of physics. Through daily inquiry, hands-on labs, demonstrations, group discussions, and other activities, students will learn to relate their growing scientific awareness to the world around them. To be successful in this class, students need a firm grasp of basic algebra along with a strong sense of curiosity.



# Social Science

	Grade			
	9	10	11	12
	World Studies	American Studies	AP Government	Contemporary Issues and Economics/AP Economics
Samples of Steps to Meet Graduation Requirements for Social Science	AP Human Geography or AP World History	AP U.S. History	<ul style="list-style-type: none"> <li>•Introduction to Law</li> <li>•Criminal Law</li> <li>•Mock Trial</li> <li>•Psychology</li> <li>•Military Science</li> <li>•Sports Psychology</li> <li>•AP Art History</li> <li>•AP Psychology</li> </ul>	<ul style="list-style-type: none"> <li>•Introduction to Law</li> <li>•Criminal Law</li> <li>•Mock Trial</li> <li>•Psychology</li> <li>•Military Science</li> <li>•Sports Psychology</li> <li>•AP Art History</li> <li>•AP Psychology</li> </ul>

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
American Studies	2	No	None	10-11
AP Art History	2	No	None	11-12
AP Economics	2	No	Open enrollment with instructor approval	11-12
AP Government	2	No	American Studies or AP U.S. History	11-12
AP Human Geography	2	No	None	9-12
AP Psychology	2	No	None	10-12
AP U.S. History	2	No	None	10-12
AP World History	2	No	None	9-12
Contemporary U.S. Issues	1	No	None	12
Criminal Law	1	No	Introduction to Law	10-12
Economics	1	No	None	12
Introduction to Law	1	No	None	10-12
Military Science	1	Yes	None	9-12
Mock Trial	2	No	Criminal Law	10-12
Psychology	1	No	None	10-12
Personal Finance	1	No	None	9-12
World Studies	2	No	None	9-12



# Social Science

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## WORLD STUDIES

**Term:** Year

**Credits:** 1.0 Social Science

**Prerequisite:** None

**Grades:** 9-10

**Repeat for Credit:** No

**NCAA Approved Course**

This course examines the history, politics, economics, geography, society, and cultures of the world and covers the expanse of history beginning with the periods of imperialism and colonialism and continuing through World War II. This course takes an interdisciplinary approach blending reading, writing, and speaking with history.

## AP HUMAN GEOGRAPHY

**Term:** Year

**Credits:** 1.0 Social Science

**Prerequisite:** None

**Grades:** 9-12

**Repeat for Credit:** No

**NCAA Approved Course**

**Level:** AP

This course prepares students for the AP Human Geography exam by introducing students to world population issues, border disputes, and international conflicts. The course exposes students to economic theories and models as well as world religions and the origins and diffusion of languages. Students will study urban development, industrialization, and city planning along with examining human social organization and its environmental consequences.

## AP WORLD HISTORY

**Term:** Year

**Credits:** 1.0 Social Science

**Prerequisite:** None

**Grades:** 9-12

**Repeat for Credit:** No

**Other:** SOU credit may be avail.

**Level:** AP

**NCAA Approved Course**

This course prepares students for the AP World History exam while inviting committed students to take a global view of historical processes and contacts between people in different societies from 1200 C.E. to the present. The course offers balanced global coverage with Africa, the Americas, Asia, and Europe all represented. This course devotes considerable time to critical evaluation of primary and secondary sources, analysis of historiography, oral presentations, and analytical essay writing. Students enrolled in this course should develop a broad vision of human societies, beginning as sparse and disconnected communities and arriving at a Twenty-First Century world in which people increasingly visualize a single global community. College credit through SOU may be available.

## AMERICAN STUDIES

**Term:** Year

**Credits:** 1.0 Social Science

**Prerequisite:** None

**Grades:** 10-11

**Repeat for Credit:** No

**NCAA Approved Course**

This course provides an overview of the history of the United States, examining time periods from the post-industrial revolution through the Vietnam War. Political, military, scientific, geography, and social developments are included in this historical overview.

## AP U.S. HISTORY

**Term:** Year

**Credits:** 1.0 Social Science

**Prerequisite:** None

**Grades:** 10-12

**Repeat for Credit:** No

**Other:** SOU credit may be avail.

**Level:** AP

**NCAA Approved Course**

This course prepares students for the AP U.S. History exam and provides students with the analytical skills and factual knowledge necessary to deal critically with the events, people, concepts, and problems associated with United States history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines U.S history from pre-Columbian America times through the early 2000s. College credit through SOU is available.

# Social Science

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## AP GOVERNMENT

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Social Science

**Repeat for Credit:** No

**Prerequisite:** American Studies/AP U.S. History

**Other:** SOU credit may be avail.

**NCAA Approved Course**

This course prepares students for AP exams in U.S. Government & Politics. This course provides students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and analysis of specific case studies. Additional comparative analysis of other political systems (including the United Kingdom, the French Republic, and the Russian Federation) provide students with a comprehensive understanding of government and politics. College credit through SOU may be available.

## AP ART HISTORY

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Arts/CTE/2<sup>nd</sup> Language

**Prerequisite:** None

Designed to parallel college-level Art History-History of Art courses, provide the opportunity for students to critically examine architecture, sculpture, painting, and other art forms within their historical and cultural contexts. In covering the art of several centuries (not necessarily in chronological order), students learn to identify different styles, techniques, and influences and to formulate and articulate their reactions to various kinds of artwork.

## CONTEMPORARY U.S. ISSUES

**Term:** Semester

**Grades:** 12

**Credits:** .50 Social Science

**Repeat for Credit:** No

**Prerequisite:** None

**NCAA Approved Course**

This course presents the political, economic, and social issues facing the United States, with references to Oregon and local issues. This course focuses on the U.S. Constitution as well as current issues and examines selected events from the 1970's to the present.

## ECONOMICS

**Term:** Semester

**Grades:** 12

**Credits:** .50 Social Science

**Repeat for Credit:** No

**Prerequisite:** None

**NCAA Approved Course**

This course provides an overview of economics with a primary emphasis on the U.S. economic system. This course covers topics such as pricing, economic performance, taxes, and monetary and fiscal policy. Economic principles are studied in both a formal and applied manner. RCC College Now credit may be available.

## AP ECONOMICS

**Term:** Year

**Grades:** 11-12

**Level:** AP

**Credits:** 1.0 Social Science

**Repeat for Credit:** No

**Prerequisite:** Open enrollment with instructor approval

**NCAA Approved Course**

This course prepares students for AP exams in both microeconomics and macroeconomics. This course includes in-depth instruction in the course content of the Economics course described above. Additionally, the microeconomics content provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price determination and developing students' familiarity with economic performance measures, economic growth, and international economics.

# Social Science

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## INTRODUCTION TO LAW

**Term:** Semester

**Credits:** .50 Social Science/Contemporary Issues

**Prerequisite:** None

**Grades:** 10-12

**Repeat for Credit:** No

**NCAA Approved Course**

For students interested in working in law enforcement or as an attorney, this course would be a great option. Introduction to Law is designed to help students understand and appreciate the impact of law and the legal system in our society. Students will learn how the legal system functions, the constitutional underpinning of our civil rights and liberties, and examine case studies that help analyze both the 'hows' and 'whys' of the legal system's operations. Be prepared to write! Students will earn Contemporary Issues credit for this class.

## CRIMINAL LAW

**Term:** Semester

**Credits:** .50 Elective

**Prerequisite:** Intro to Law

**Grades:** 10-12

**Repeat for Credit:** No

**NCAA Approved Course**

Criminal Law is an exploration of the historical development, current operation, and future trends of criminal justice. Emphasis will be placed on contemporary problems in the definitions of law, the enforcement of law, strategies of policing, judicial systems, sentencing strategies, correctional practices, and emerging forms of justice. While the focus of the content will be practices in the United States, we will also look at other cultures and their systems of justice. Students will be introduced to the notion that our definitions of what constitutes a "crime", how society responds to it, and how we explain crime and criminals have changed over time. Similarly, those methods used to measure and compare crime have also changed and students will be introduced to the major sources of our understanding of what we know about the extent of crime in society. A broad survey of the origins, historical development of policing, prosecution, adjudication, sentencing and corrections in the United States will provide students with a basic understanding of the administration of criminal justice and challenge them to decide whether the criminal justice system is a "system" or a "process".

## MOCK TRIAL

**Term:** Year

**Credits:** 1.0 Elective

**Prerequisite:** Criminal Law

**Grades:** 10-12

**Repeat for Credit:** Yes

Mock Trial is the focused study of the intersection between trial law and courtroom procedure. This class will prepare students to analyze criminal cases based on merit, to select jury members, create strategies for both defending and prosecuting defendants and to present evidence in a courtroom setting in the attempt to "win" a legal case. This class will be interactive, as students will be expected to argue routinely for the guilt or innocence of alleged criminals.

## AP PSYCHOLOGY

**Term:** Year

**Credits:** 1.0 Elective

**Prerequisite:** None

**Grades:** 10-12

**Repeat for Credit:** No

**Other:** SOU credit may be available. **NCAA Approved Course**

**Level:** AP

The purpose of this course is to introduce committed students to systematic and scientific study of the behavior and mental processes of human beings and other animals. Students taking this course are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. In this course we will survey Psychology by examining topics ranging from the biological bases of behavior to social and cultural interactions. The main goal of this course is to provide the AP student with a learning experience equivalent to that obtained in most college introductory psychology courses while preparing the students to take the AP Psychology exam.

# Social Science

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## **MILITARY SCIENCE**

**Term:** Semester

**Credits:** .50 Elective

**Prerequisite:** None

**Grades:** 9-12

**Repeat for Credit:** Yes

The Military Science course provides an overview of leadership fundamentals and explores the competencies that are important for personal development. This class explores essential leader knowledge areas such as direction setting, problem solving, effective writing, citizenship and the basics of military service.

## **PSYCHOLOGY**

**Term:** Semester

**Credits:** .50 Elective

**Prerequisite:** None

**Grades:** 10-12

**Repeat for Credit:** No

**NCAA Approved Course**

This course offers a general survey of the field of psychology covering a range of scientific and applied areas including the methodology, developmental, biopsychological, and cognitive domains. Specific topics may include psychological science, neuroscience and behavior, the developing person, sensation & perception, learning, memory, thinking and intelligence, personality, psychological disorders, therapy, and social psychology.

## **PERSONAL FINANCE**

**Term:** Semester

**Credits:** .50 Elective

**Prerequisite:** None

**Grades:** 10-12

**Repeat for Credit:** No

Course covers financial literacy using curriculum from Foundations in Personal Finance (Dave Ramsey company)  
Opportunities include: Budgeting, Resume Building, Savings, College Planning, Insurance evaluation, Debt Analysis, and many other financial literacy topics.



# World Languages & English Language Development

## Overview

Course Title	Semesters	Repeat for Credit	Prerequisite	Grade Offered
Academic Language & Literacy	3	Yes	Placement based on need	9-12
AP Spanish Language and Culture	2	No	Spanish 4 or Spanish 3, and instructor approval	11-12
ELL Literacy & Content	2	No	Placement based on data	9-12
ELD Level 1 – Beginner	3	Yes	Placement based on data	9-12
ELD Level 2 – Beginner	3	Yes	Placement based on data	9-12
ELD Level 3 – Intermediate	3	Yes	Score of 2 required on ELPA	9-12
ELD Level 4 – Advanced	3	Yes	Score of 3 required on ELPA	9-12
ELD Level 5 – Advanced	3	Yes	Score of 4 required on ELPA	9-12
French 1	2	No	None	9-12
French 2	2	No	French 1 or instructor approval	9-12
French 3	2	No	French 2 or instructor approval	9-12
French 4	2	No	French 3 or instructor approval	9-12
Spanish 1	2	No	None	9-12
Spanish 2	2	No	Spanish 1 or instructor approval	9-12
Spanish 3	2	No	Spanish 2 or instructor approval	9-12
Spanish 4	2	No	Spanish 3 or instructor approval	9-12
Spanish 5	2	No	Spanish 4 or instructor approval	12
Spanish for Heritage Speakers 3	2	No	Student is a heritage speaker	10-12
Spanish for Heritage Speakers 4	2	Yes	Spanish for Heritage Speakers 3 or instructor approval	10-12

### ACADEMIC LANGUAGE & LITERACY

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0

**Repeat for Credit:** Yes

**Prerequisite:** Placement based on need

This course is designed to build the academic reading and writing skills of students who are learning English. The overarching purpose of the class is to accelerate language development so students can better access the content of core classes. Key components of the class are: reading fiction and non-fiction texts, writing informative and argumentative essays, developing academic vocabulary and oral proficiency.

### ELD LEVEL 1 - BEGINNER

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Placement based on data

Non-English proficient students are given intensive English Language Development using the state approved Systematic English Language Development program (ELD), comprising 5 levels. Courses focus on vocabulary and grammar development, reading, writing and speaking. Students may enroll in non-ELL courses. Emphasis in all classes is on developing English language proficiency and pronunciation. Elective credit will be earned for all ELD courses taken and passed.

# World Languages & English Language Development

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## **ELD LEVEL 2 - BEGINNER**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Placement based on data

Non-English proficient students are given intensive English Language Development using the state approved Systematic English Language Development program (ELD), comprising 5 levels. Courses focus on vocabulary and grammar development, reading, writing and speaking. Students may enroll in non-ELL courses. Emphasis in all classes is on developing English language proficiency and pronunciation. Elective credit will be earned for all ELD courses taken and passed.

## **ELD LEVEL 3 - INTERMEDIATE**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Score of 2 required on ELPA

English learners at this level have developed some competence in oral and conversational English. Course continues to focus on vocabulary and grammar development, with continued emphasis on reading, writing, and speaking. These students will also be enrolled in mainstream courses.

## **ELD LEVEL 4 - ADVANCED**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Score of 3 required on ELPA

ELL students at this level have developed a significant level of competence in oral and conversational English but may need additional support with specialized vocabulary, reading and writing skills. A student may exit the ELL program by passing the ELPA exam (English Language Proficiency Assessment). Results from the ELPA exam will be considered in addition to the sample. Emphasis for this course is on academic vocabulary, writing and higher level grammatical forms. These students will also be enrolled in mainstream courses.

## **ELD LEVEL 5 - ADVANCED**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Score of 4 required on ELPA

ELL students at this level have developed a significant level of competence in oral and conversational English but may need additional support with specialized vocabulary, reading and writing skills. A student may exit the ELL program by passing the ELPA exam (English Language Proficiency Assessment). Emphasis for this course is on academic vocabulary, writing and higher level grammatical forms. Level 5 students will exhibit more advanced paragraph construction. These students will also be enrolled in mainstream courses.

## **FRENCH I**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

**NCAA Approved Course**

Students will begin to learn the language, geography and cultures of French-speaking countries. Students will gain an understanding of how languages are structured and be able to make linguistic and cultural comparisons. The course is designed for students to communicate by speaking, reading, writing, and understanding both written and spoken French. Students beginning their Freshman year will be able to complete the full program of study and apply to earn university credit their Senior year.

# World Languages & English Language Development

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## FRENCH 2

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** French 1, or instructor approval

**NCAA Approved Course**

Students will continue to build and expand upon their learning from their first year of language study. Students will learn to express themselves on everyday topics using language that is more complex and detailed, and will further develop their knowledge and understanding of the target culture(s).

## FRENCH 3

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** French 2, or instructor approval

**NCAA Approved Course**

These courses are designed for students who intend to attain intermediate fluency in the target language. Emphasis is on oral proficiency and creative production with the language. Vocabulary will focus on familiar, common topics and everyday situations. Students will be able to initiate, sustain and close an extended conversation. Students will have the opportunity to earn articulated university credit for French 3 from Rogue Community College.

## FRENCH 4

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** French 3, or instructor approval

**NCAA Approved Course**

Students who complete their fourth year of language study will become largely fluent in the language. Students who are able to demonstrate advanced proficiency will also have the opportunity to earn the Oregon State Seal of Biliteracy as well as earn articulated university credit for French 4 from Rogue Community College. Topical vocabulary will be expanded to include situations that are both familiar and unfamiliar, and emphasis will be on the sustained and creative use of the language.

## SPANISH I

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** None

**NCAA Approved Course**

Students will begin to learn the language, geography and cultures of Spanish-speaking countries. Students will gain an understanding of how language is structured and be able to make linguistic and cultural comparisons. The course is designed for students to communicate by speaking, reading, writing, and understanding both written and spoken Spanish.

## SPANISH 2

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Spanish 1, or instructor approval

**NCAA Approved Course**

Students will continue to build and expand upon their learning from their first year of language study. Students will learn to express themselves on everyday topics using language that is more complex and detailed, and will further develop their knowledge and understanding of the target culture(s). **Spanish 2 is not recommended for Spanish language heritage speakers.**



# World Languages & English Language Development

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## SPANISH 3

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Spanish 2 or instructor approval

**NCAA Approved Course**

These courses are designed for students who intend to attain intermediate fluency in the target language. Emphasis is on oral proficiency and creative production with the language. Vocabulary will focus on familiar, common topics and everyday situations. Students will be able to initiate, sustain and close an extended conversation.

## SPANISH 4

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Spanish 3 or instructor approval

**NCAA Approved Course**

Students who complete their fourth year of language study will become largely fluent in the language. One of the primary goals of these courses is for students to achieve a level of linguistic proficiency. Students who are able to demonstrate advanced proficiency will also have the opportunity to earn the Oregon State Seal of Biliteracy. Topical vocabulary will be expanded to include situations that are both familiar and unfamiliar, and emphasis will be on the sustained and creative use of the language.

## SPANISH 5

**Term:** Year

**Grades:** 12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Spanish 4 or instructor approval

**NCAA Approved Course**

Continuing development of increasingly complex target language skills with an emphasis on oral and written proficiency and production. Students will demonstrate a strong desire to converse in the target language only (in a clearly participatory manner) in order to communicate information on practical and factual matters. Students are required to communicate in Spanish and formulate opinions about topics while demonstrating control of the present, past and future time.

## SPANISH FOR HERITAGE SPEAKERS 3

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** No

**Prerequisite:** Student is a heritage speaker, or counselor/instructor approval

**NCAA Approved Course**

This course is designed for Heritage Spanish speakers; native speakers are also welcome. Students will develop their reading, writing, speaking and listening skills in Spanish. Students are expected to participate in a variety of activities designed to improve their linguistic and literacy skills in Spanish. Students who are able to demonstrate advanced proficiency will also have the opportunity to earn the Oregon State Seal of Biliteracy.

## SPANISH FOR HERITAGE SPEAKERS 4

**Term:** Year

**Grades:** 9-12

**Level:** Honors

**Credits:** 1.0 Arts/CTE/2nd Language

**Repeat for Credit:** Yes

**Prerequisite:** Heritage 3, & counselor or instructor approval

**NCAA Approved Course**

In this course, academically motivated Spanish speaking students will build on the foundational reading, listening, writing and speaking skills gained in Heritage 3. The focus of this college-preparatory course is language acquisition at the novice-high to intermediate-low proficiency levels and preparation for the demands, depth and complexity of the AP Spanish Language and Culture course. Students who are able to demonstrate advanced proficiency will also have the opportunity to earn the Oregon State Seal of Biliteracy.

# Non-Departmental Programs

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## ACADEMIC TUTOR

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Instructor approval

This course allows students to work alongside a supervising teacher and serve as tutor or mentor to other students in a regular classroom. There may be required training prior to starting the course.

## COOPERATIVE WORK EXPERIENCE

**Term:** Semester

**Grades:** 11-12

**Credits:** .50 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Approval of the Work Experience Coordinator

This program gives students the opportunity to "earn and learn" while applying the "8 Keys to Employability." Students interested in applying for this program must pick up an application and overview of student responsibilities from the College and Career Center. Students are required to complete educational components, maintain employment for a minimum of 60 hours per quarter, and receive positive employer evaluations. Grading is on a pass/no pass basis. Students will be allowed to earn a maximum of (2) credits through Work Experience.

## CREDIT RETRIEVAL

**Term:** Semester

**Grades:** 9-12

**Credits:** Credits recovered only

**Repeat for Credit:** N/A

**Prerequisite:** Assigned by counselor

Credit Retrieval offers students the opportunity to recover credit for core courses that were failed through the use of an online learning tool. Only credits for the courses recovered will be given.

## LEADERSHIP

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Selected through application

This course is for those students who successfully go through the application process and who want to make a difference at our school and in our community. Leadership students are expected to strive toward our mission statement: "We will work as a family to infuse service, inclusiveness, and positivity into North Medford High School by embodying BTP (Black Tornado Pride) and leading by example." This program requires dedication, creativity and intense participation. Students will spend a great deal of time and effort developing into young community leaders.

## NMHS LINK CREW

**Term:** Year

**Grades:** 10-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Instructor approval and LINK Crew Application



**Scan here to sign up for Link Crew!**

Link Crew is a high school transition program in which upperclassmen welcome freshmen and help them throughout the first year of their high school experience. This program has four components that contribute to its success:

- High School Orientation - Link Leaders and freshmen start building the mentor relationship and freshmen receive information about how to be successful in high school.
- Academic Follow Ups - Link Leaders support freshman academic success and character development through structured classroom visits.
- Social Follow Ups - Link Leaders and freshmen connect outside the classroom at social events to increase student engagement and promote positive school climate.
- Leader Initiated Contacts - Link Leaders connect with their freshmen on a more individual basis.

Students who would like to join the Link Crew Elective **MUST** participate in the Freshman Fresh Start Day in August as a Link Leader - Please fill out the Link Crew Application on the Link Crew website before June of the previous school year. Scan the QR code to access the Link Crew Website and sign up for Link Crew. **MUST USE SCHOOL EMAIL TO SIGN UP.**

# Non-Departmental Programs

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## **SPECIAL EDUCATION PEER MENTOR**

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Instructor approval

Students will assist peer students with academic, social, or physical struggles to access curriculum as determined by the teacher. Students will actually participate in class activities and provide an example of proper citizenship. Duties could include attending classes, participating and supervising students in classroom activities, tutoring and mentoring students with a variety of abilities, taking data and preparing materials in class to assist the teacher. Training will be provided and will be required to participate.

## **STUDENT AIDE**

**Term:** Semester

**Grades:** 10-12

**Credits:** .50 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Instructor approval

A student aide will support the staff member to which they are assigned through task completion that will support the teaching and learning environment. Regular attendance and dependability are required to earn credit.

## **STUDENT GOVERNMENT**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Election by student body

This course is for those students who are elected to represent their class and who want to make a difference at our school and in our community. Representatives are expected to strive toward our mission statement: "We will work as a family to infuse service, inclusiveness, and positivity into North Medford High School by embodying BTP (Black Tornado Pride) and leading by example." This program requires dedication, creativity and intense participation. Students will spend a great deal of time and effort developing into young community leaders.

## **TUTORIAL COURSES**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** Instructor approval

Tutorial offers a structured study hall for those students on Individualized Education Plans.

## **YEARBOOK**

**Term:** Year

**Grades:** 9-12

**Credits:** 1.0 Elective

**Repeat for Credit:** Yes

**Prerequisite:** None, Teacher approval for returning students

Students produce the school's yearbook. Students with skills in photography, writing, and layout design are encouraged to apply for staff positions. Yearbook staff members are selected by the instructor on the basis of application, interview, and Instructor approval. This course may be repeated for credit.

Follow NMHS for announcements!



@LetsgoTornado



@NorthMedfordBTP



@Blacktornadopride



Check your school g-mail account:  
*first.m.last@msd549c.org*



Scan the QR code with your mobile phone to access our school website!

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Inquiries or complaints regarding the District's non-discrimination policies and compliance can be directed to:

**Director of Human Resources/Compliance Coordinator**

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