

# **North Marion High School**

**Home of the Huskies**



**2026 – 2027 Curriculum Guide**

January 2026

We are pleased to welcome you to North Marion High School! “North Marion, learning together to cultivate lifelong growth.”

This curriculum guide has been prepared to inform you about our academic offerings. As you select courses for next year, be sure to make choices wisely as the ability to change them at a later date is limited.

Keep in mind that high school is about much more than earning a diploma. This is the time to learn about your maturing talents, to pursue your dreams, to explore potential careers, and to discover who you are. Take advantage of North Marion’s offerings to enrich your high school years. Ensure that colleges and future employers are made aware of your strong work ethic, desire to learn, and ambition to be the best you can be by selecting a challenging course of study. In addition, commit to participate in one or more of the many extra-curricular opportunities that are available. There are many ways for you to get involved.

At North Marion we honor the importance of healthy, supportive and caring relationships. A school-wide advisor program assists students to develop personal and career goals, while building meaningful relationships that extend beyond the classroom, ensuring that students are known and valued. Special attention to diversity and inclusion is evidenced through a broad array of campus experiences. An active student government and leadership program, student clubs, special activities, athletic and performing arts programs offer students vast opportunities to participate in the daily life and fabric of the school.

The secret to success in high school and beyond is simple; take school seriously, work hard, take challenging courses and plan ahead. You have choices here and planning is critical for achieving your goals and getting the most from your studies.

We are committed to preparing students to be successful in life. We welcome you to another great year of relevant and student-centered learning!

Sincerely,

Nathan Stanley  
Principal

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### **NOTICE:**

*The courses and programs described in this Guide are dependent on funding and enrollment. Modifications in course offerings and programs may occur depending on funding levels for the 2026-27 school year without further notice. Not all of the courses described in this document will be offered in a given year.*

### **North Marion School District Mission Statement:**

***North Marion learning together to cultivate lifelong growth.***

## Academic Definitions & Regulations

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### Calendar & Credits

The school day begins at 8:00 a.m. and ends at 2:45 p.m. Each class meets daily and each time a student successfully completes an academic class; he/she will earn one-half (.5) credit. Credits are the units by which academic progress is measured. Twenty-five (25) credits are required for graduation in accordance with District graduation requirements.

### Academic Standing

Regular grade point average is computed on a 4-point scale with the following point values awarded per grade:

A = 4, B = 3, C = 2, D = 1, F = 0.

### Withdrawing from a Course:

Students are expected to complete any course, required or elective, in which they are enrolled. Withdrawing from a course should be considered only for serious reasons. Prior to withdrawal, students are strongly urged to consult with their teacher, counselor, and parents. A signature from the teacher, counselor, and a parent is required to drop a course. **Any course dropped after the first 10 school days of a term is recorded on a student's transcript as a "WF" or "W" based upon what is agreed upon by teacher, counselor and administrator.**

### Student Placement:

Student placement in advanced English, Math, Science, and Social Studies classes will be based on present classroom work, past performance, test scores, and other criteria related to the student's ability, potential, and career goals. Make certain you check the forecasting sheet closely for classes that need a teacher's approval prior to enrollment.

### Athletic/Activity Eligibility\*

In order to meet academic participation standards, a student must meet the OSAA standard. Participants in athletic/activity programs not meeting these standards are ineligible for the term. They may not participate/ practice until term grades provide eligibility.

***\*IMPORTANT: Please refer to the Athletic/Activities Handbook for specific guidelines.***

### NCAA Athletic Requirements

The NCAA Clearinghouse is an organization that clears athletes for initial eligibility in NCAA Division I and II athletic programs. If you are a student athlete with aspirations for college athletics, it is important to note that your athletic eligibility in college will be tied to your performance and completion of required classes in high school, as well as to your graduation from high school. For specific information and requirements, log onto [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

**Note also that it is a student's and/or parent's responsibility to check on college athletic requirements and not the responsibility of the North Marion staff, coaches, or athletic department.**

**Class Attendance**

Regular attendance and punctuality are critical lifelong skills which are emphasized at North Marion. Because performance in class through collaborative activities is an essential element of student learning and assessment, and because students must be present to achieve these outcomes, student absences must be minimized.

**Withdrawal from School**

Students planning to transfer to another school must complete a withdrawal form. The Registrar will issue a withdrawal form for the student to present to teachers on the last day of attendance in order to receive grades and return textbooks. Transcripts will be sent to the student's new school at the school's request. Withdrawing from school for any reason other than transferring to another school requires working with a counselor and/or an administrator.

**Additional Course Work/Make-up Credit**

Credits for making up failed courses may be earned by retaking the class or by taking the class online through the Opportunity Center.

***In order to better meet individual needs, counselors are available to assist students at North Marion with scheduling problems, personal and social growth issues, academic concerns, and college and career planning.***

## Graduation Requirements

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### Diploma

A high school diploma will be awarded to students in grades 9 through 12 who complete a minimum of 25 credits (depending upon when the student first enrolled as a freshman) according to the following table:

| SUBJECT   | CREDIT    |
|---|-----------|
| <b>Language Arts</b>  | 4.0       |
| <b>Mathematics</b><br>(Algebra 1 & Above)   | 3.0       |
| <b>Social Studies</b><br>Including World History, 20 <sup>th</sup> Century US History A & B,<br>Economics, Government/Civics, and<br>• History 200 Series fulfills 20 <sup>th</sup> Century A & B | 3.0       |
| <b>Science</b><br>(2 of the 3 must be lab based)  | 3.0       |
| <b>Career Path Skills &amp; Higher Education</b>  | 0.5       |
| <b>Personal Finance</b><br>(Required for class of 2027 and on)  | 0.5       |
| <b>Health Education</b>   | 1.0       |
| <b>Physical Education</b>   | 1.0       |
| <b>CTE, 2<sup>nd</sup> Language, Arts</b>   | 3.0       |
| <b>Electives</b>  | 5.5       |
| <b>Career Development</b><br>*Senior Presentation.<br>Participation and completion of advisory lessons.   | 0.5       |
| Education Plan & Profile  | ✓         |
| Career-Related Learning Experiences<br>Extended Application   | ✓         |
| Career-Related Learning Standards   | ✓         |
| <b>TOTAL CREDITS</b>  | <b>25</b> |

# Honors Diploma

Students who desire to be challenged to achieve academic excellence and increase their chances for success in college or other post-secondary programs may pursue the honors diploma.

## Valedictorian & Salutatorian

Only students who successfully complete the Honors Diploma will qualify to become a Valedictorian (4.0 GPA and Honors Diploma) or Salutatorian (2<sup>nd</sup> Ranking student in the class and Honors Diploma).

### Honors Diploma Eligibility Requirements Include:

- Earn a minimum cumulative GPA of 3.75 by the end of T2 – Senior Year
- Complete at least 28 credits by the end of their Senior Year.
- Complete all other graduation requirements
- Pass at least 10.0 credits from the list below

**\*These courses will no longer be available as honors classes beginning with the class of 2029.**

| ✓ | Honors Core Classes Checklist                                   | Credits |
|---|---|---------|
|   | Accounting 2, 3 & 4   | 1.5     |
|   | Advanced Art*   | 3.0     |
|   | Adv Computer Science Projects*                                  | 0.5     |
|   | Advanced Photography*   | 3.0     |
|   | Advanced Word Processing  | 0.5     |
|   | Agriculture Research & Development Capstone                     | 0.5     |
|   | Algebra II A & B  | 1.0     |
|   | Animal Science 2  | 0.5     |
|   | Calculus A, B & C   | 1.5     |
|   | Chamber Choir A, B & C  | 1.5     |
|   | Chemistry A & B   | 1.0     |
|   | College Algebra A, B & C  | 1.5     |
|   | Computer Science Capstone*                                      | 0.5     |
|   | Construction/Woodworking Senior Portfolio Capstone              | 0.5     |
|   | Culinary Arts A,B,C & Culinary Foundations A,B,C                | 1.5     |
|   | Digital Fabrication 2 or Advanced Digital Fabrication Projects* | 1.0     |
|   | Digital Fabrication Senior Portfolio Capstone*                  | 0.5     |
|   | Digital Media 1, Tech Support 1, Program & Software 1*          | 1.5     |
|   | Digital Media 2, Tech Support 2, Program & Software 2*          | 1.5     |
|   | English 10 Honors A & B   | 1.0     |
|   | English 11 Honors A & B   | 1.0     |
|   | English 12 Honors A & B   | 1.0     |
|   | Equine Science  | 0.5     |
|   | Graphic Design & Marketing*                                     | 0.5     |
|   | Health Services Senior Portfolio Capstone                       | 0.5     |
|   | History 201 & 202 & 203   | 1.5     |
|   | Human Anatomy & Physiology                                      | 0.5     |
|   | Manufacturing Senior Portfolio*                                 | 0.5     |
|   | Medical Terminology 1   | 0.5     |
|   | Medical Terminology 2   | 0.5     |

|                                   |   |                                   |
|-----------------------------------|---|-----------------------------------|
|                                   | Metal Fabrication 2 or Adv Metal Fabrication  | 1.0                               |
|                                   | Physics A & B   | 1.0                               |
|                                   | Plant Science 2   | 0.5                               |
|                                   | Psychology  | 0.5                               |
|                                   | Robotics Engineering 2 or Adv Robotics Engineering Projects*  | 1.0                               |
|                                   | Robotics Engineering Senior Portfolio Capstone*   | 0.5                               |
|                                   | Spanish 3 A & B   | 1.0                               |
|                                   | Spanish 4 A & B   | 1.0                               |
|                                   | Sports Marketing 2  | 0.5                               |
|                                   | Veterinary Science  | 0.5                               |
|                                   | Woodworking 2, Carpentry 2 or Adv Wood Projects   | 1.0                               |
|                                   | Zoology   | 0.5                               |
| <b>WCA Honors Diploma Courses</b> |   |                                   |
|                                   | <b>WCA – Construction Technology:</b> <ul style="list-style-type: none"> <li>• Trade skills Fundamentals Y1 S2</li> <li>• Construction Projects 2 Y2 S1 &amp; S2</li> <li>• WCA Science in Construction Y2 S2</li> <li>• Building Science S1 &amp; S2</li> <li>• Construction Technology S1 &amp; S2</li> </ul>   | 4.0                               |
|                                   | <b>WCA – Cosmetology:</b><br><br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>Cosmetology:</b><br/> Cosmetology Clinic Y2 S1 &amp; S2<br/> Cosmetology Lab Y2 S1 &amp; S2<br/> Cosmetology Theory S1 &amp; S2<br/> WCA Applied Science in Cosmetology Y2 (if applicable) </div> <div style="width: 45%;"> <b>Hair Design:</b><br/> Hair Design Clinic Y2 S1 &amp; S2<br/> Hair Design Lab Y2 S1 &amp; S2<br/> Hair Design Theory S1 &amp; S2<br/> WCA Applied Science in Cosmetology Y2 (if applicable) </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <b>Barbering:</b><br/> Barbering Clinic Y2 S1 &amp; S2<br/> Barbering Lab Y2 S1 &amp; S2<br/> Barbering Theory S1 &amp; S2<br/> WCA Applied Science in Cosmetology Y2 (if applicable) </div> <div style="width: 45%;"> <b>Nail Technology:</b><br/> Nail Technology Clinic Y2 S1 &amp; S2<br/> Nail Technology Lab Y2 S1 &amp; S2<br/> Nail Technology Theory S1 &amp; S2<br/> WCA Applied Science in Cosmetology Y2 (if applicable) </div> </div> <div style="margin-top: 10px;"> <b>Esthetics:</b><br/> Esthetics Y2 S1 &amp; S2<br/> Esthetics Lab Y2 S1 &amp; S2<br/> Esthetics Theory Y2 S1 &amp; S2<br/> WCA Applied Science in Cosmetology Y2 (if applicable) </div> | 3.0<br>Per<br>specialized<br>area |
|                                   | <b>WCA – Dental Assisting:</b><br>TBD: Add classes next year when we have 2 <sup>nd</sup> year courses  | 3.5                               |
|                                   | <b>WCA – Diesel Technology:</b> <ul style="list-style-type: none"> <li>• Diesel Ind. Workplace Skills Y1 S1 &amp; S2</li> <li>• Diesel Ind. Workplace Skills Y2 S1 &amp; S2</li> <li>• Diesel Technology Lab Y2 S1 &amp; S2</li> <li>• Diesel Technology Theory Y2 S1 &amp; S2</li> <li>• WCA Applied Science in Diesel S2 (if applicable)</li> </ul>   | 4.0                               |
|                                   | <b>WCA – Health Services:</b> <ul style="list-style-type: none"> <li>• Anatomy and Physiology Y1 S1&amp; S2</li> <li>• Medical Terminology S1 &amp; S2</li> <li>• Healthcare Careers Y2</li> <li>• Medical Assisting Y2 S1 &amp; S2</li> <li>• Medical Law &amp; Ethics Y2</li> <li>• WCA Applied Science in Healthcare S2 (if applicable)</li> </ul>   | 4.0                               |
|                                   | Continued on next page  |                                   |



|  |  |     |
|--|--|-----|
|  | <b>WCA – Manufacturing Technology:</b> <ul style="list-style-type: none"> <li>• Advanced Materials &amp; Design Y2 S1 &amp; S2</li> <li>• Automated Machine Operation Y2 S1 &amp; S2</li> <li>• Welding/Fabrication Y2 S1 &amp; S2</li> <li>• WCA Applied Science in Manufacturing S2 (if applicable)</li> <li>• WCA Applied Math in Manufacturing S2 (if applicable)</li> </ul> | 3.0 |
|--|--|-----|

## Early Graduation

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A student who wishes to graduate from high school prior to his/her scheduled graduation date must have a written agreement with the principal, parent, and a counselor. This form must be completed and returned to the counselor prior to early graduation. Parents, student and the school must agree to early graduation.

## Commencement

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Students who have earned the required number of credits or earned a GED may participate in graduation exercises. A student who successfully completes all requirements of the State of Oregon, and North Marion High School and who is in good standing may participate in graduation exercises. A student must be in “good standing” which means: students who violate school policy may, in some instances, be excluded from walking at graduation.

## Alternative Learning Experience

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The following alternative learning experiences are available to students. See your counselor for specific information.

- College Credit Now & Willamette Promise
- Early Graduation
- Emergency Medical Technician (EMT) – CCC Brooks Campus
- GED Program
- General Work Experience
- Opportunity Center – online credit recovery program for credit deficit students
- WCA Program - Salem
- World Language Proficiency Test – STAMP Test

### English Language Learners

Students identified as English Language Learners at North Marion High School are provided with direct English language instruction and are provided support in the general classes. Contact the ELL teacher or their counselor for more information.

### Opportunity to Earn World Language Proficiency Credit

The North Marion School District values the diverse language abilities of our students and provides opportunities for students with strong skills in a language other than English to earn world language credits at their high school. Students will be given the opportunity to take a test to measure language proficiency: the STAMP 4S (Standards-Based Measurement of Proficiency, 4 Skills: Reading, Writing, Speaking, Listening). Students may receive high school credits based on their score on this test. Many colleges recognize credit earned by proficiency testing for college admission, or some may even award college credit.

Scores of at least a 6 on each section of the test will fulfill the foreign language requirements for the Oregon State Seal of Biliteracy. Students interested in the Biliteracy Seal are also required to demonstrate their proficiency in English. To fulfill the English requirement, students will need to pass the Reading and Writing sections of the Smarter Balanced Assessment, and the speaking assessment in their senior English class.

High school credit for the test will be awarded as follows:

- Benchmark 1 and 2 = 0 Credit
- Benchmark 3 = 1 Credit
- Benchmark 4 = 2 Credits
- Benchmark 5 = 3 Credits
- Benchmark 6 – 9 = 4 Credits

### Special Education

Students at North Marion High School who are eligible for special education services have an Individual Education Plan (IEP) that describes the supports and services necessary for that specific student to be successful in meeting their educational goals. Most students with IEP's are included in traditional high school classes with accommodations. A few students need additional support and receive their services in a classroom with specially trained staff. Students or parents who have questions about their special education services or eligibility for special education support should contact either their student's case manager or their student's counselor for more information.

# **Willamette Career Academy (WCA)**

This exciting opportunity provides students with hands-on experience in their career field of choice. Students will spend three class periods a day in Salem, OR attending Willamette Career Academy and will attend NMHS for the remaining two class periods. The programs consist of both lecture and lab instruction and each course is a two-year program. Juniors who successfully complete the first year will be eligible to return to the second-year program. There is no cost to participate in the WCA programs and transportation is provided to and from the school each day.

Attendance is vitally important in both first and second year programs in order for the student to earn enough hours to complete the program. Students who successfully complete the Diesel Technology program will have completed approximately  $\frac{1}{4}$  of the Diesel Technology associates degree at Chemeketa Community College. Students who successfully complete the Cosmetology program will be eligible to take the Oregon State Hair Design license board exam upon graduation. Students who successfully complete the Health Services program will be eligible to complete the certified clinical medical assistant certification upon graduation.

## **Eligibility**

**To be eligible to participate students must be:**

- Incoming juniors that are on track with credits to graduate and have a current 2.5 GPA or higher.
- Excellent high school attendance record
- Willing to commit to the program for two years (junior and senior year)

## **Scheduling**

There are two sessions per day at WCA, an AM and PM session:

### **AM SESSION**

- Students in the AM session (1st - 3rd period) will leave NMHS by 7 AM each morning to attend WCA.

### **PM SESSION**

- Students in the PM session (3rd - 5th period) will arrive back to NMHS after school each day at approximately 3:30 PM.

## **Key considerations before signing up:**

- WCA and NMHS have days throughout the year where their schedules do not align and because of this; students participating in WCA will have extra days of instruction. If North Marion does not have school, but WCA does, the student is still expected to attend and vice versa.
- Student and parents will need to attend a mandatory meeting with the college and career coordinator to go over the program and requirements.
- Spots are very limited (*6 students or less per program*). Students are encouraged to sign up only if they are very serious about the program. Students will be selected based on a lottery system.
- Playing sports and attending WCA may be extremely challenging for students due to the time commitment for both activities.
- Students participating in WCA may not be able to receive an honors diploma. Any student interested in pursuing an honors diploma is encouraged to meet with their counselor to see if it is possible.

# WCA - Construction Technology

Work independently and as part of a team in all aspects of construction including framing, roofing, plumbing, wiring, and interior/exterior finishing. Work alongside industry professionals and industry experts in all aspects of architecture and building including foundations, walls, roofs, and interior/exterior finishing. Learn how to design blueprints, operate professional equipment, and power tools for all aspects of construction.

| FIRST YEAR TECHNICAL PROGRAM  | SECOND YEAR TECHNICAL PROGRAM  |
|---|--|
| <p><b><u>CONSTRUCTION TECHNOLOGY I</u></b></p> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>• Reading proficiency at 9th grade level</li> <li>• Must have successfully completed Algebra 1 or higher</li> <li>• Excellent high school attendance record</li> <li>• Good physical coordination: no leg or back difficulties, good finger dexterity, and good eye-hand coordination.</li> </ul> | <p><b><u>CONSTRUCTION TECHNOLOGY II</u></b></p> <p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>• Must pass 1st year program and meet/demonstrate competence of course standards to qualify for 2nd year; limited space available</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• May need to provide own health insurance to participate in internships</li> <li>• May need to provide own transportation to internship site and provide current car insurance</li> </ul> |
| <p><b>CERTIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>• Students may complete an OSHA10 Construction Industry Certification, AHA Heart saver and CPR/First Aid Certification, and several NCCER Core V6 Trade Certifications</li> <li>• Forklift Certification - potential training available spring or summer of senior year, must be 18 years old</li> </ul>   |  |

# WCA - Cosmetology

Express individual creativity by providing a wide range of artistic hair, nail, and skin care services using the latest technology trends and name brand products. Operate and experience a full-service interactive clinic and spa environment. Work alongside professional cosmetologists and industry experts to explore all aspects of quality salon services and management.

| FIRST YEAR TECHNICAL PROGRAM   | SECOND YEAR TECHNICAL PROGRAM  |
|--|--|
| <p><b><u>COSMETOLOGY I</u></b></p> <p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>Students must have at least junior standing and be 16 years of age or older</li> </ul> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>Reading proficiency at 9th grade level</li> <li>Excellent high school attendance record</li> <li>Health, Biology, and Speech are all classes recommended to have taken prior to this class</li> <li>Successful completion of Integrated Math 1 or Algebra 1, highly recommended</li> <li>Good physical coordination: no leg or back difficulties, good finger dexterity, and good eye-hand coordination</li> </ul> | <p><b><u>COSMETOLOGY II</u></b></p> <p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>Must pass 1st year program and meet/demonstrate competence of course standards to qualify for 2nd year; limited space available</li> <li>Excellent attendance during 1st year program</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Second year students may need to provide own transportation after school and/or weekends</li> <li>Students will need two items for proof of identification for licensure. The acceptable forms of identification are listed here: <a href="https://www.oregon.gov/oha/PH/HLO/Pages/Identification-Requirements.aspx">https://www.oregon.gov/oha/PH/HLO/Pages/Identification-Requirements.aspx</a></li> </ul> |
| <p><b>CERTIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>State Licensure in one specialty: hair, barbering, nails, esthetics</li> <li>Work-based experience in real world clinic at WCA</li> </ul>   |  |

# WCA - Dental Science

Dental assistants instruct patients on oral hygiene, help patients feel comfortable in the dental chair as they prepare for procedures, sterilize dental instruments and prep procedure area, assist the dentist with procedures, update patient records and document dental treatments, process x-rays and labs, such as preparing materials for dental impressions, and schedule patient appointments. Students will learn about dental science and anatomy, dental office and clinical processes, dental materials and their proper functions, and how to assist in dental procedures.

| FIRST YEAR TECHNICAL PROGRAM  | SECOND YEAR TECHNICAL PROGRAM  |
|---|--|
| <p><b><u>DENTAL SCIENCE I</u></b></p> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>• Reading proficiency at 9th grade level</li> <li>• Successful Completion of Algebra 1, Physical Science, and Biology</li> <li>• Excellent high school attendance record</li> </ul>  | <p><b><u>DENTAL SCIENCE II</u></b></p> <p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>• Must pass 1st year program and meet/demonstrate competence of course standards to qualify for 2nd year; limited space available</li> <li>• Excellent attendance during 1st year program</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• May need to provide own health insurance to participate in internships</li> <li>• May need to provide own transportation to internship site and proof of car insurance</li> <li>• Hep B immunization documentation (to participate in mentorship/job shadow of site) OR declination form completed</li> </ul> |
| <p><b>CERTIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>• BLS (Basic Life Support)</li> <li>• ICE (Infection Control)</li> <li>• RHS (Radiology Health and Safety)</li> <li>• EFDA (Expanded Functions Dental Assistant)</li> </ul> <p><b>FIELD TRIPS:</b></p> <ul style="list-style-type: none"> <li>• TBD</li> </ul> <p><b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:</b></p> <ul style="list-style-type: none"> <li>• HOSA Future Health Professionals</li> <li>• American Dental Association</li> </ul> |  |

# WCA - Diesel Technology

Maintain, repair, and fine-tune systems including electrical, hydraulic, engines, air systems, brakes, and preventative maintenance alongside an ASE Master Technician. Use the same advanced diagnostic and repair equipment as Master Technicians to troubleshoot complex diesel systems. Practice operation theory, maintenance, and repair of large trucks and off-road equipment.

| FIRST YEAR TECHNICAL PROGRAM   | SECOND YEAR TECHNICAL PROGRAM  |
|--|--|
| <p><b><u>PAPÉ DIESEL TECHNOLOGY I</u></b></p> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>• Reading proficiency at 11th grade level</li> <li>• Successful Completion of Algebra 1</li> <li>• Excellent high school attendance record</li> <li>• Courses in Small Gas Engines, Principles of Technology and Physics are recommended</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• Future employment in the diesel industry may be dependent upon clean driving record, drug test, and background check</li> </ul> | <p><b><u>PAPÉ DIESEL TECHNOLOGY II</u></b></p> <p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>• Must pass 1st year program and meet/demonstrate competence of course standards to qualify for 2nd year; limited space available</li> <li>• Excellent attendance during 1st year program</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• Students who complete two years of the Diesel Technology program can earn CCC credit for a portion of the CCC Diesel program</li> </ul> |
| <p><b><u>CERTIFICATIONS:</u></b></p> <ul style="list-style-type: none"> <li>• Priority acceptance and enrollment in Chemeketa's Diesel Program.</li> <li>• Forklift Certification - potential training available spring or summer of senior year, must be 18 years old.</li> </ul>   |  |

# WCA - Health Services

Cultivate a passion for providing quality patient care in a variety of healthcare settings. Work alongside registered nurses and other healthcare professionals in a clinical environment to perform various tests and procedures. Experience the thrill and reward of improving patient lives in simulations and on-the-job experiences. Learn the skills and knowledge necessary for a Medical Assistant and other careers in health care.

| FIRST YEAR TECHNICAL PROGRAM  | SECOND YEAR TECHNICAL PROGRAM   |
|---|---|
| <p><b><u>HEALTH SERVICES I</u></b></p> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>• Reading proficiency at 11th grade level</li> <li>• Successful completion of Algebra 1 or Integrated Math 1</li> <li>• Completed Biology with a “C” or higher</li> <li>• Must have proof of immunizations including MMR, Hepatitis B series, and an updated Tdap</li> <li>• Proof of negative TB test</li> <li>• Proof of the Influenza vaccine</li> <li>• Excellent high school attendance record</li> <li>• Must provide own health insurance to participate in clinical rotations</li> <li>• Must provide own transportation and current car insurance to participate in clinicals</li> <li>• Courses in Health Occupations, Animal Science, Health is recommended</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• Ability to pass a background check and having a valid Social Security number are required to attend the clinical rotation for certification</li> <li>• Students may choose to participate in HOSA (Health Occupations Student Association)</li> </ul> | <p><b><u>HEALTH SERVICES II</u></b></p> <p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>• All students, including seniors, who come for only one year will automatically take the Year 1 curriculum. Seniors who were not in Health Services their junior year will not participate in job shadowing or take the CCMA course</li> <li>• Must pass 1st year program and meet/demonstrate competence of course standards to qualify for 2nd year; limited space available</li> <li>• Excellent attendance during 1st year program</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• Ability to pass a background check and having a valid Social Security number are required to attend the clinical rotation for certification</li> <li>• Students may choose to participate in HOSA (Health Occupations Student Association)</li> <li>• Certified Clinical Medical Assistant course to prepare for national certification exam in the spring to become a Certified Clinical Medical Assistant (training and exam are free to students). Starting salaries range between \$20-25 per hour</li> </ul> |
| Continue on next page   |   |



**CERTIFICATIONS:**

- Red Cross Adult & Pediatric First Aid/CPR/AED certification
- Red Cross Basic Life Support certification
- American College of Surgeons Committee on Trauma STOP THE BLEED Certification
- Certified Clinical Medical Assistant - must pass exam after 2nd year

**COMMUNITY SERVICE AT WCA:**

- Host 2 Red Cross blood drives for WCA students and staff each year
- Social activities with Shangri-La (organization for adults with developmental delays and mental health challenges) in fall and spring
- Host open houses and give tours for prospective students, industry partners, and members of the community

**FIELD TRIPS:**

- Linfield University campus tour and cadaver lab
- Oregon Institute of Technology Wilsonville Campus
- Chemeketa Community College

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

- HOSA Future Health Professionals

# WCA - Manufacturing Technology

Use CAD/CAM software to program and operate automated equipment. Advance your understanding of Advance Manufacturing by combining concepts and theories for Additive/Subtractive manufacturing (E.g. 3D printer, Laser engraver). Collaborate with students from diverse backgrounds in fun, creative, and analytical ways in order to complete work based projects.

| FIRST YEAR TECHNICAL PROGRAM   | SECOND YEAR TECHNICAL PROGRAM  |
|--|--|
| <p><b><u>FRERES MANUFACTURING I</u></b></p> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>• Reading proficiency at 10th grade level</li> <li>• Must have successfully completed Algebra 1 or higher</li> <li>• Excellent high school attendance record</li> <li>• Basic drafting, manufacturing technology or metals classes are recommended</li> <li>• Strong knowledge of keyboarding and computer skills recommended</li> <li>• Use defined standards of shop and work safety</li> </ul> | <p><b><u>FRERES MANUFACTURING II</u></b></p> <p><b>Prerequisites</b></p> <ul style="list-style-type: none"> <li>• Must pass 1st year program and meet/demonstrate competence of course standards to qualify for 2<sup>nd</sup> year; limited space available</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• May need to provide own health insurance to participate in internships</li> <li>• May need to provide own transportation to internship site and provide current car insurance</li> </ul> |
| <p><b>CERTIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>• Students have the opportunity to earn the OSHA Certification, AWS (American Welding Society) Certification, SACA (Smart Automation Certification Alliance) Certification, and First Aid/CPR Certificate. These are not connected with specific courses, but completed within the Manufacturing program</li> <li>• Forklift Certification - potential training available spring or summer of senior year, must be 18 years old</li> </ul>    |  |

# Dual Enrollment | College Credit Options

North Marion offers many opportunities for students to take college credit courses, which aid students in reducing time, and costs in college. Below are the available college level courses currently available at North Marion High School.

| Instructor           | High School Course Title | Chemeketa Course Title             | College Credits | High School Credit | AAOT     |
|----------------------|--------------------------|------------------------------------|-----------------|--------------------|----------|
| Ioane, Kelly         | Accounting 2             | BA115 Introduction to Accounting   | 4               | 0.5                | Elective |
| Ioane, Kelly         | Word Processing          | CA121 Keyboarding                  | 3               | 0.5                | Elective |
| Ioane, Kelly         | Advanced Word Processing | CA122 Keyboarding Skill building   | 3               | 0.5                | Elective |
| Ioane, Kelly         | Advanced Word Processing | CA201D Microsoft Word Processing 1 | 3               | 0.5                | Elective |
| McClintock, Patricia | Medical Terminology 1    | HM120                              | 3               | 0.5                | Elective |
| McClintock, Patricia | Medical Terminology 2    | HM121                              | 4               | 0.5                | Elective |

| Instructor           | High School Course Title           | WOU / OIT Course             | College Credits | High School Credit | AAOT    |
|----------------------|------------------------------------|------------------------------|-----------------|--------------------|---------|
| Schiedler, Christina | Precalculus A & B                  | MTH111 College Algebra       | 4               | 0.5                | Math    |
| Schiedler, Christina | Precalculus C                      | MTH112 Trigonometry          | 4               | 0.5                | Math    |
| Schiedler, Christina | Calculus A & B                     | MTH251 Differential Calculus | 4               | 0.5                | Math    |
| Schiedler, Christina | Calculus C                         | MTH252 Integral Calculus     | 4               | 0.5                | Math    |
| Barrett, Jonathan    | English 12A - Honors               | WRI 121 College Writing      | 4               | 0.5                | Writing |
| Barrett, Jonathan    | English 12B - Honors               | WRI 122 College Writing      | 4               | 0.5                | Writing |
|                      | WOU/OIT Courses continue next page |                              |                 |                    |         |

| <b>Instructor</b> | <b>High School Course Title</b> | <b>WOU / OIT Course</b>                                    | <b>College Credits</b> | <b>High School Credit</b> | <b>AAOT</b>       |
|-------------------|---------------------------------|--|------------------------|---------------------------|-------------------|
| Young, John       | History 201                     | HST201 United States: to 1840                              | 4                      | 0.5                       | Cultural Literacy |
| Young, John       | History 202                     | HST202 United States: 1840 to 1900                         | 4                      | 0.5                       | Cultural Literacy |
| Young, John       | History 203                     | HST203 United States: 1900 to Present                      | 4                      | 0.5                       | Cultural Literacy |
| Bonser, Ben       | Spanish 3 A & B                 | Spanish 101-201 (credit depends on final exam test scores) | 4-8                    | 0.5                       | Language          |
| Bonser, Ben       | Spanish 4 A & B                 | Spanish 201-202 (credit depends on final exam test scores) | 4-8                    | 0.5                       | Language          |
| Bonser, Ben       | Spanish 5 A & B                 | Spanish 203 (credit depends on final exam test scores)     | 4                      | 0.5                       | Language          |
| <b>Instructor</b> | <b>High School Course Title</b> | <b>Blue Mountain Community Course</b>                      | <b>College Credits</b> | <b>High School Credit</b> | <b>AAOT</b>       |
| Stoddard, Tricia  | Animal Science A/B              | ANS 121 Animal Science                                     | 3                      | 0.5                       | Elective          |
| Stoddard, Tricia  | Plant Science A/B               | HORT 100 - Plant Science<br>HORT 211 Prop                  | 3-6                    | 0.5                       | Elective          |
| Stoddard, Tricia  | Equine Science                  | ANS 201 Introduction to Equine Science                     | 3                      | 0.5                       | Elective          |

## Dual Enrollment | College Credit Options FAQ's

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### **What is an AAOT?**

An Associate of Arts Oregon Transfer (AAOT) is a “state approved associate degree that is intended to prepare students to transfer to upper division courses for a baccalaureate degree.”

### **If I take college credit classes in high school, will I still be eligible for Oregon Promise?**

Yes; however, college credits from dual enrollment will count towards the 90 credit limit allowed by Oregon Promise. For example, if a student's graduates with 15 college credits as a senior in high school, they will only be potentially eligible for 75 college credits covered by Oregon Promise. Because of this, students are encouraged to talk with their counselor to determine if they should take a class for college credit or not based on their career and academic goals.

### **Does it cost money to take college courses at NMHS?**

Yes, but it is a fraction of the cost that a student would pay at the college or university level. Please check with the teacher who instructs the course to verify any costs associated with the class.

- College Credit courses \$30.00 yearly
- Willamette Promise courses: students only need to pay one time per year, no matter how many courses they take! If eligible, students can submit a fee waiver. For more information visit [wesd.org/WP](http://wesd.org/WP)

### **Can I take the class without getting college credit?**

Absolutely! Students who want to take a challenging course but want to wait until college to take the credit may absolutely enroll in the high school class and not pay the Dual Enrollment fee.

## Example College Preparatory Schedule (4 – Year University)

Students that plan to attend a 4-Year University are encouraged to plan early to meet admission requirements. Additionally, students may take dual credit courses to help reduce the courses needed to attain a bachelor's degree. Please know that the following recommendations are simply an example and that not all college-going students will take the recommended courses below. This is simply a tool for students to help map out their high school classes based on their post-secondary goals. Students are encouraged to meet with their counselor to tailor their schedule based on their academic and career goals.

Most universities will require students to have *4 Years of English, 3 Years of Math, Science, and Social Science and 2 Years of a Foreign Language*; however, it is often **encouraged** that students take *4 Years of English, Math and Science*. Colleges and universities will look at the overall rigor of the courses taken, so it is encouraged that students take a challenging but balanced course load throughout high school.

| Freshman   |          |  | Sophomore                                     |         |   |
|--|----------|--|---|---------|---|
| Suggested Schedule   | Credits  | College Credit   | Suggested Schedule                            | Credits | College Credit                                      |
| English 9 A & B  | 1        |  | English 10 A & B (Honors)                     | 1       |   |
| World History A & B  | 1        |  | Math (Geometry A & B<br>Algebra 2 A & B )     | 1       |   |
| Physical Science A & B   | 1        |  | Biology A & B                                 | 1       |   |
| Math (Algebra A,B,C or<br>Geometry A & B)  | 1        |  | P.E. 2 or Elective Fitness<br>Class           | 0.5     |   |
| P.E. 1   | 0.5      |  | 20th Century History A&B*                     | 1       | Can substitute this<br>class for HST<br>201,202,203 |
| Spanish 1 A & 1 B  | 1        |  |   |         |   |
| Additional Electives   | 2 or 2.5 |  | Wellness                                      | 0.5     |   |
|  |          |  | Spanish 2A & 2B                               | 1       |   |
|  |          |  | Additional Electives                          | 1 or 2  |   |
| Junior   |          |  | Senior  |         |   |
| Suggested Schedule   | Credits  | College Credit   | Suggested Schedule                            | Credits | College Credit                                      |
| English 11 A & B (Honors)  | 1        |  | English 12 A & B (Honors)                     | 1       | WRI 121 & 122                                       |
| Math (Algebra 2 A & B or<br>College Algebra A/B/C)   | 1 or 1.5 | (If student is taking<br>College Algebra -<br>MTH111 & MTH112) | Government                                    | 0.5     |   |
| Career Planning  | 0.5      |  | Economics                                     | 0.5     |   |
| Science (Chemistry A & B<br>or Physics A & B)  | 1        |  | Senior Presentation                           | 0.5     |   |
| History 201,202,203  | 1.5      | HST201, HST202,<br>HST 203                                     | College Algebra A/B/C or<br>Calculus A/B/C    | 1.5     | MTH111 & MTH112<br>or MTH251 &<br>MTH252            |
| Social Health  | 0.5      |  | Science (Chemistry A & B or<br>Physics A & B) | 1       |   |
| Spanish 3 A & B **   | 1        | Spanish 101-201<br>(depends on final<br>exam results)          | Personal Finance                              | 0.5     |   |
| Additional Electives   | .5 or 1  |  |   |         |   |
| *History 201,202,203 is the recommended college credit substitute for 20th Century History*                                    |          |  |   |         |   |
| ** 3 Years of Spanish is not required to apply to university; however, to get college credit a student must complete 3 years** |          |  |   |         |   |

## Example College Preparatory Schedule (Community College)

Students that plan to attend a community college are encouraged to plan early to meet admission requirements. Additionally, students may take dual credit courses to help reduce the courses needed to attain an associate's degree or classes that will aid in transferring to a four-year university. Please know that the following recommendations are simply an example and that not all college-going students will take the recommended courses. This is simply a tool for students to help map out their high school classes based on their post-secondary goals. Students are encouraged to meet with their counselor to tailor their schedule based on their academic and career goals.

Community colleges do not require *2 Years of a Foreign Language*. Additionally, students do not have to take college credit for English or Math, but an AAOT does require both so students are encouraged to take advantage of Dual Credit offerings if appropriate. If a student does not want the option to take WRI 121 & WRI 122, they do not need to take the Honors section of English.

| Freshman  |          |  | Sophomore                                  |            |  |
|---|----------|--|--|------------|--|
| Suggested Schedule  | Credits  | College Credit   | Suggested Schedule                         | Credits    | College Credit                                   |
| English 9 A & B   | 1        |  | English 10 A & B (Honors)                  | 1          |  |
| World History   | 1        |  | Math (Geometry A & B<br>Algebra 2 A & B )  | 1          |  |
| Physical Science  | 1        |  | Biology A & B                              | 1          |  |
| Math (Algebra A,B,C or<br>Geometry A & B)   | 1        |  | P.E. 2 or Elective Fitness<br>Class        | 0.5        |  |
| P.E. 1  | 0.5      |  | 20th Century History A&B*                  | 1          | Can substitute this class for<br>HST 201,202,203 |
| Spanish 1 A & 1 B **  | 1        |  |  |            |  |
|   |          |  | Spanish 2A & 2B **                         | 1          |  |
|   |          |  | Wellness                                   | 0.5        |  |
| Additional Electives  | 1.5 or 2 |  | Additional Electives                       | 0.5 or 1.5 |  |
| Junior  |          |  | Senior                                     |            |  |
| Suggested Schedule  | Credits  | College Credit   | Suggested Schedule                         | Credits    | College Credit                                   |
| English 11 A & B (Honors)   | 1        |  | English 12 A & B (Honors)                  | 1          | WRI 121 & 122                                    |
| Math (Algebra 2 A & B or<br>College Algebra A/B/C)  | 1 or 1.5 | (If student is taking<br>College Algebra -<br>MTH111 & MTH112) | Government                                 | 0.5        |  |
| Career Planning   | 0.5      |  | Economics                                  | 0.5        |  |
| History 201,202,203*  | 1.5      | HST201, HST202,<br>HST 203                                     | College Algebra A/B/C or<br>Calculus A/B/C | 1.5        | MTH111 & MTH112 or<br>MTH251 & MTH252            |
| Science (Chemistry A & B<br>or Physics A & B)   | 1        |  | Senior Presentation                        | 0.5        |  |
| Social Health   | 0.5      |  | Personal Finance                           | 0.5        |  |
| Additional Electives  | 1.5 or 2 |  |  |            |  |
| *History 201,202,203 is the recommended college credit substitute for 20th Century History*   |          |  |  |            |  |
| ** 2 Years of a Foreign Language is not required for a community college; however, for professional development it is recommended** |          |  |  |            |  |

## Example Apprenticeship Preparatory Classes

NMHS offers many pathways and courses that will aid students in securing an apprenticeship upon graduation. Depending on the type of apprenticeship program (carpentry, plumbing, electrician, laborer, etc.) certain classes will be recommended to complete prior to graduation.

Please know that the following recommendations are simply an example and that not all pre-apprenticeships students will take the recommended courses. This is simply a tool for students to help map out their high school classes based on their post-secondary goals. Students are encouraged to meet with their counselor to tailor their schedule based on their academic and career goals.

It is highly encouraged that students use additional elective credits to complete a CTE Pathway. The *Construction Technology & Woodworking* pathway allows students to complete a Fundamental Trade Skills Program (Pre-Apprenticeship) through Chemeketa which can boost their apprenticeship application. Additionally, most registered apprenticeships require applicants to complete Algebra 2 with a C- or higher; however, applicants with a higher grade will often be ranked higher than those with a C-. Additional points are given to applicants with college level math, so it is encouraged for students to complete College Algebra if they are able to do so. For more information on apprenticeships, please visit [oregonapprenticeship.org/](http://oregonapprenticeship.org/)

| Freshman   |          |  | Sophomore                                 |         |                |
|--|----------|--|---|---------|----------------|
| Suggested Schedule   | Credits  | College Credit   | Suggested Schedule                        | Credits | College Credit |
| English 9 A & B  | 1        |  | English 10 A & B                          | 1       |                |
| World History A & B  | 1        |  | Math (Geometry A & B<br>Algebra 2 A & B ) | 1       |                |
| Physical Science A & B   | 1        |  | Biology A & B                             | 1       |                |
| Math (Algebra A,B,C or<br>Geometry A & B)  | 1        |  | P.E. 2 or Elective<br>Fitness Class       | 0.5     |                |
| P.E. 1   | 0.5      |  | 20th Century History                      | 1       |                |
|  |          |  | Composition                               | 0.5     |                |
| <b>Additional Electives</b>  | 3 or 3.5 |  | Wellness                                  | 0.5     |                |
|  |          |  | <b>Additional Electives</b>               | 1       |                |
| Junior   |          |  | Senior                                    |         |                |
| Suggested Schedule   | Credits  | College Credit   | Suggested Schedule                        | Credits | College Credit |
| English 11   | 1        |  | English 12                                | 1       |                |
| Math (Algebra 2,<br>Probability & Statistics 2A<br>& B or College Algebra<br>A/B/C)  | 1        | (If student is taking<br>College Algebra -<br>MTH111 & MTH112) | Government                                | 0.5     |                |
| Career Planning  | 0.5      |  | Economics                                 | 0.5     |                |
| Science (Physics A & B)  | 1        |  | Senior Presentation                       | 0.5     |                |
| Social Health  | 0.5      |  | Technical Math A & B                      | 1       |                |
| <b>Additional Electives</b>  | 3        |  | Personal Finance                          | 4       |                |
| ** It is highly encouraged that students use additional elective credits to complete a CTE Pathway in Construction Technology & Woodworking ** |          |  |   |         |                |



# **ACADEMIC SUPPORTS**

## **ADVISORY**

**ELC**

**PREREQUISITES:** None

**Credits:** 0

**Grades:** 9, 10, 11, 12

**Trimester:** 1, 2, 3

Each student is assigned an advisor for the duration of the four years of high school. Students meet in their Advisor class for thirty minutes, four times each week. This class is counted as instructional time, where attendance is taken and structured Career Development lessons are provided weekly. The main purpose of the Advisory class is to develop and nurture positive student/staff relationships, with one teacher over the course of four years in high school. In addition to this fundamental priority, the advisory class includes the following:

- Student support and guidance for implementation of Career Related Learning Experiences required for high school graduation.
- Academic goal setting and preparation for fall and spring Student-led Conferences.
- Promotion of a positive school culture, through student club meetings and other school activities/assemblies.
- Focused time for additional support and time for learning. Students may seek additional instruction from classroom teachers, make-up missed assignments, classroom activities or tests, or use the time for quiet study time, group assignments and homework.

# **CAREER PATH SKILLS & HIGHER EDUCATION**

## **CAREER PATH SKILLS & HIGHER EDUCATION**

**REQUIRED**

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 11

**Trimester:** 1, 2, 3

Students will be introduced to a variety of career preparation activities and topics including: personal assessments, goal setting, career research, employment foundations, job seeking/employability skills, and post-secondary learning and job opportunities. Students will prepare a resume and participate in a job shadow and mock interview, as well as other activities where they will practice many of the High School Higher Education and Career Path Skills Standards. Satisfactory participation and completion of all projects in this course will fulfill the Career Related Learning Experience requirements for graduation.

# **PERSONAL FINANCE**

## **PERSONAL FINANCE**

**REQUIRED**

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 11

**Trimester:** 1, 2, 3

Oregon's High School Personal Financial Education standards include five domains: 1) Credit and Debt, 2) Banking, Investing, Saving and Repayment, 3) Budgeting, Spending and Money Management, 4) Personal Income, Taxes and Services, and 5) Maintaining Financial Well-being. Each of these domains includes three of four standards which encompass the knowledge and skills that students should know and be able to do to be financially literate when they leave high school.

# **CAREER PATHWAYS**

The goal of the North Marion High School career pathways option is to expose students to career related curriculum in one of the following subjects: Agriculture Science, Arts, Business, Computer Information Technology, Construction, Culinary Arts, Health Service and Manufacturing. Students who complete the requirements of the pathway will have experience in both classroom and career activities.

In order to complete the pathway, students will do the following:

1. Complete the required North Marion High School courses for graduation.
2. Complete four courses in the Career Pathway of interest, plus two or more optional courses.
3. Complete at least one career experience with minimum of 20 hours of experience.
4. Complete a Senior Presentation. This will require students to present what they have done for their pathway, and what they have learned to their pathway teacher and administration. See pathway teacher or administrator for presentation format information.

## **Recognition**

Students who complete the pathway will receive a note in the graduation program and a unique cord to wear at graduation.

## **2026-27 Career Pathway Options**

| <b>Pathway</b>                        | <b>Graduation Cord Color</b> |
|---------------------------------------|------------------------------|
| Agriculture Science                   | Blue and Gold                |
| Business                              | Light Blue                   |
| Construction Technology & Woodworking | Orange                       |
| Culinary Arts                         | Blue and Green               |
| Health Services                       | Blue and White               |

# AGRICULTURAL SCIENCE



**Agriculture** is an integral part of everyone's life. There are three options offered in the agri-science pathway that include animal, plant, and natural resources. One in four jobs in the United States are agriculture related and is one of the fastest growing fields.

**FFA** is the largest student run organization in the world and provides opportunities for members to travel, earn money, earn scholarships, learn leadership through agriculture and most of all have fun!! FFA is offered in all agriculture classes.

**NOTE:** Introduction to Agriculture is a required first class.

## Recommended course pathways:

### Level 1

- Intro to Ag
- Ag Speech & Debate (available for any grade level)

### Level 2

- Animal Science 1 & 2\*
- Natural Resources
- Plant Science – Intro to Horticulture\*
- Small Animals

### Level 3

- Small Animals
- Equine Science\*
- Vet Science
- Greenhouse Manager
- Plant Science – Plant Propagation\*

### Capstone

- Agriculture Research & Development

**Students** who complete 3 units (6 classes) in a pathway will earn a graduation cord along with a designation on their diploma. Two of the classes must be Intro to Agriculture and Agriculture Research & Development.

\*College credit available

## INTRODUCTION to AGRICULTURE, FOOD, & NATURAL RESOURCES

CTE – CAS

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

A little bit of a lot! Students participating in this course will experience hands-on activities, projects, and problems that involve the study of plants, animals, natural resources, and agricultural mechanics. **This Class is recommended.**

## SMALL ANIMALS

CTE – CAS

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

This class is centered on the care and selection of animals that we keep as pets. It will include dogs, cats, small mammals (rats, mice, gerbils, guinea pigs) reptiles and birds.

**ANIMAL SCIENCE 1****CTE – CAS****RECOMMENDED:** Intro to Agriculture, Food and Natural Resources**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimesters:** 1

This course is designed to engage students in hands-on laboratories and activities to explore the world of animal agriculture. Student experiences will involve the study of animal anatomy and physiology, animal health, social issues and domestication. ***College Credit can be earned at the completion of part 2.***

**ANIMAL SCIENCE 2****CTE – CAS****PREREQUISITES:** Animal Science 1**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

This course is designed to engage students in hands-on laboratories and activities to explore the world of animal agriculture. Student experiences will involve the study of animal nutrition, reproduction, genetics, and diseases. ***College Credit can be earned.***

**NATURAL RESOURCES****CTE – CAS****RECOMMENDED:** Introduction to Agriculture, Food and Natural Resources**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

Explore with hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with the Earth will be addressed in this course. Students will select an ecosystem to study throughout the course and apply principles of natural resources and ecology from each unit of study to that ecosystem.

**PLANT SCIENCE – INTRODUCTION to HORTICULTURE****CTE – CAS****RECOMMENDED:** Introduction to Agriculture, Food, and Natural**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

This course is designated to introduce you to the basic concepts and skills utilized in horticulture. Students will receive an introduction to basic botanical concepts such as morphology, anatomy, taxonomy, physiology, genetics, and propagation as they apply to horticulture. **College Credit for HOR 111 (3 units) can be earned through Chemeketa Community College. This course will satisfy a general science requirement at CCC.**

**PLANT SCIENCE – INTRODUCTION to PLANT PROPAGATION****CTE – CAS****RECOMMENDED:** Plant Science – Intro to Horticulture**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimesters:** 1

Presents principles and practices of plant propagation. Discusses anatomy, physiology and genetics related to plant reproduction. Covers seed propagation, cuttings, grafting, budding, layering, division, specialized roots and stems, and micro-propagation. Identifies equipment, tools and structures required for propagation. **College Credit for HOR 211 (3 units) can be earned through Chemeketa Community College.**

**EQUINE SCIENCE****CTE – CAS****PREREQUISITES:** Intro to Ag**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1

*Equine Science* is all about horses! It will cover the anatomy and physiology of the horse, nutrition, health and diseases. You will be provided with an opportunity to compete in the Horse CDE at Oregon State University. **College credit can be earned.**

**VETERINARY SCIENCE****CTE – CAS****PREREQUISITES:** Animal Science 2**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1

Students will learn about the veterinary industry through hands on learning. Topics include handling & restraint, surgical skills, animal ID, tool ID, and issues in the industry today.

**THE ART of FLORAL DESIGN****CTE – CAS****PREREQUISITES:** None**Fee:** \$20**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

Students will learn about the floral industry, colors, flower anatomy, flower identification, and design principals and elements. Students will learn to wrap wire, make corsages and boutonnieres, centerpieces, and bows.

**CAPSTONE: AGRICULTURE RESEARCH & DEVELOPMENT****CTE – CAS****PREREQUISITES:** Teacher Recommendation**Credits:** 0.5**Grades:** 11, 12**Trimester:** 1

*Agricultural Research and Development* is the capstone course designed to culminate students' experiences in agriculture, based on the pathway of study they pursued. Students will work to solve complex, real-world problems through a focused research project. This process will include conducting research, data analysis and communication, and the development of new projects.

This is for students completing an agriculture pathway and have passed at least five trimesters of the required course work. Completion of this course will earn your graduation cords and a notation of completion on your diploma.

This is an independent class.

**GREENHOUSE MANAGER****CTE – CAS****PREREQUISITES:** Teacher Recommendation**Credits:** 0.5**Grades:** 11, 12**Trimester:** 1,2,3

An independent class maintaining, managing and preparing the greenhouse for ongoing hydroponics and greenhouse sales.

**AG SPEECH AND DEBATE****CTE – CAS****PREREQUISITES:** None**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1,2,3

Agriculture Speech and Debate is an exciting class where students tackle real-world issues and learn to speak and argue with confidence. You'll build strong communication, research, and critical thinking skills that are valuable in any career. No agriculture background is needed, just bring your curiosity and ideas. This is your chance to make your voice heard and grow as a leader.

# **BUSINESS AND COMPUTERS**

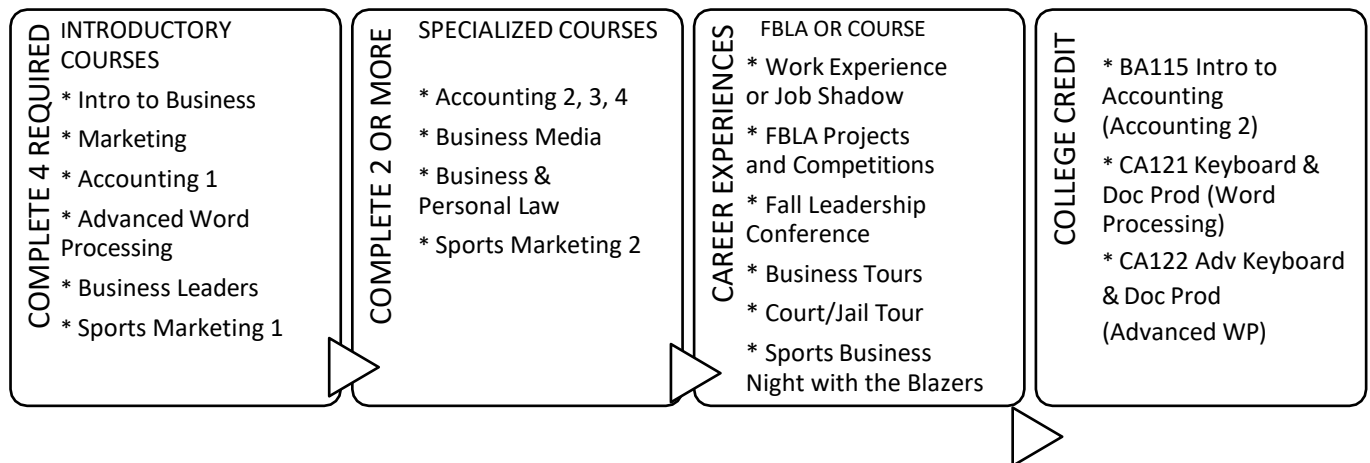
The business world affects everyone's life. All high school students should receive training in employment opportunities and job search techniques. Students will develop personal business and entry-level occupational skills, develop consumer-economic knowledge, and build a foundation for advanced study in business.

Students enrolled in a business course are encouraged to take advantage of the opportunity to join FBLA, the national student organization for business students.



This pathway allows students to gain experience to concepts surrounding business, to learn the skills needed to work in business, and to gain experience that will help prepare them for this competitive field.

FBLA: The business program is aligned with the Future Business Leaders of America, a national organization that focuses on developing students as leaders. FBLA programs focus on: Leadership Development, Academic Competition, Educational Programs, Community Service, and Awards and Recognition. Members of our club can participate in the Big Brother/Big Sister Program, the Fall Leadership Conference, Regional and State Skills Conferences, and qualify for the National Business Leadership Conference.



\*Students who complete 3 units (6 classes) in a pathway, will earn a graduation cord along with a designation on their diploma and transcripts.

**INTRODUCTION TO BUSINESS****CTE – CAS****PREREQUISITES:** None**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

Students will be introduced to a variety of different business aspects including: accounting, economics, management, marketing, finance and more! This class provides a broad introduction to the many different business industries and job opportunities represented within Oregon and is a springboard to other class offerings in the business department. It is a must have for business-minded students and all students entering the workplace.

**BUSINESS & PERSONAL LAW****CTE – CAS****PREREQUISITES:** None**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1

Business & Personal Law will provide the student with knowledge of how the law mandates rights and responsibilities for individuals within the current legal system. Real-world topics such as classes of crimes, sentencing and bail, and search and seizure will be covered. The class will deal with constitutional law, institutions of law and the juvenile and adult systems. Activities will include mock trials, videos, and field trips.

**ACCOUNTING 1 & 2****CTE – CAS****PREREQUISITES:** None**Credits:** 1.0**Grades:** 9, 10, 11, 12**Trimester:** 2

Students will analyze business transactions, use journals and ledgers, and prepare financial statements. The entire accounting cycle will be covered for both service and merchandising businesses. Common business terminology, banking activities, handling cash, payroll systems, and depreciation methods are also included. This course is highly recommended for any student interested in pursuing a business career.

***Students must pass Accounting 1 before taking Accounting 2. Accounting 2 articulates with Chemeketa BA115 – Intro to Accounting. There may be an opportunity to earn college credit for this course if requirements are met.***

**ACCOUNTING 3 & 4****CTE – CAS****PREREQUISITES:** Accounting 1 & 2**Credits:** 1.0**Grades:** 10, 11, 12**Trimester:** 2

Students will continue to study the accounting cycle and further advanced accounting methods. Accounting records for a single proprietorship, a partnership, and a corporation will be covered. Special topics include a voucher system, cost accounting and budget planning and control. Students will acquire hands-on computer experience while working with the general ledger, accounts payable, accounts receivable and payroll accounting systems. Completion of this course will prepare students for entry-level positions in accounting and/or continued education at the post-secondary level.

**MARKETING****CTE – CAS****PREREQUISITES:** Intro to Business**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

Learn how to label, promote, and advertise in today's business world. We will learn the four P's of advertising, how to layout a store that best serves the customer, and how to conduct marketing research. This is an advanced class that will focus on student projects and group collaboration.

**BUSINESS LEADERS****CTE – CAS****PREREQUISITES:** See description below**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1

This course is the capstone class for the Business & Management Program of Study. **The prerequisites for this class are: Intro to Business, Marketing, Accounting 1, and Advanced Word Processing.** Program completers will have all the business skills to move on to a post-secondary school and continue their business education. All students will use their prior knowledge to create a business plan for their own business; including marketing, financials, and more.

**SPORTS MARKETING 1 & 2****CTE – CAS****PREREQUISITES:** Intro to Business**Credits:** 1.0**Grades:** 9, 10, 11, 12**Trimester:** 2

Students will be introduced to the fundamental concept of sports and entertainment marketing: the marketing of sports versus the process of marketing through sports. Students will manage a football stadium and team. Entirely computer based, this simulation will help students use their marketing knowledge to edge out the competition. Students will also have the opportunity to promote North Marion athletic events.

In Sports Marketing 2 students will be using promotional activities to understand event planning, teamwork and leadership skills. Students will also use technology to create and promote in-season sports videos, posters or slideshows. Students will be exposed to the process of selling through contact with local businesses selling advertisements.

**WORD PROCESSING****CTE – CAS****PREREQUISITES:** None**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

Students will review keyboarding with emphasis on using good techniques and typing by touch. Speed and accuracy will be developed. Formatting of basic documents such as letters, school reports, and tables will be learned. **Chemeketa Community College Credits may be possible for A/B level students.** Students who desire college credit for this class must pay the required fee.

**ADVANCED WORD PROCESSING****CTE – CAS****PREREQUISITES:** Word Processing**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

Students will increase speed and accuracy levels of competency required for employment. Formatting of more advanced job-skill business forms, reports, letters and documents reflecting current trends in business will be emphasized. Editing and decision-making will be stressed. **Students who desire college credit for this class must pay the required fee. (Chemeketa College Credits possible are CA122)**

**BUSINESS MEDIA****CTE – CAS****PREREQUISITES:** Word Processing**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1

Students will be exposed to the varied concepts underlying the promotion of a business. This course will focus on the various types of media, advertising layout and design principles, and visual presentation of your business. Students will use available technologies and software programs to create a cohesive image for your business.



# Woodworking & Construction Technology

## Woodworking –

The woodworking pathway introduces you to projects you can do around your home and explores the art of woodworking. While you will still learn about many of the same tools and vocabulary as the construction pathways, this pathway is designed more for those who want to enjoy woodworking as a lifelong hobby or artist.

## Construction Technology –

A career in construction offers a wide range of roles, from laborers to skilled craftsmen. Today's construction careers are exciting, featuring advanced technology, significant financial rewards, and even opportunities to travel worldwide.

In this program you will learn about the different job positions, essential tools used in construction, important vocabulary specific to the trades, and the work ethic and values vital in residential and commercial construction.

**SkillsUSA** is a student-led organization that partners with students, teachers, and industry to ensure America has a skilled workforce. **SkillsUSA** helps each student excel by providing educational programs, events, and competitions that support career and technical education (CTE) in the nation's classrooms. Participation is strongly recommended for all coursework above the introductory classes.

Please be aware each of the Construction & Woodworking classes requires a **\$10/course fee**.

| NMHS Career Pathway Courses  | Career Experience Opportunities   |
|--|---|
| <b><u>Complete 2 Pathway Core Courses</u></b> <ul style="list-style-type: none"><li>• Intro to Woods</li><li>• Construction Technology or Woodworking Senior Portfolio Capstone</li></ul> <b><u>Complete 2 or more Specialized Courses (see Bearden for guidance on selecting a pathway and the appropriate related coursework)</u></b> <ul style="list-style-type: none"><li>• Carpentry 1 &amp; 2</li><li>• Woodworking 2 &amp; 3</li></ul> <b><u>Complete 2 or more Advanced courses</u></b> <ul style="list-style-type: none"><li>• Advanced Woods A/B/C</li></ul> | ~ SkillsUSA<br>~ Career Fair<br>~ Salem Career Construction Day<br>~ Local Trade Fairs<br>~ Trade-Related Training Center Tour(s)<br>~ Pre-apprenticeship<br>~ Other work-based learning projects as approved |

**INTRO TO WOODS****CTE – CAS****PREREQUISITES:** None**Fee:** \$10**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1,2,3

Are you ready to dive into the exciting world of woodworking? In this class, you'll discover how to safely use both power and hand tools that are commonly used in woodshops and construction sites. These essential skills will prepare you for a high-demand job in a well-paying field and give you the confidence to tackle various projects.

Throughout the course, you'll explore different types of wood and learn about simple wood joinery techniques. Plus, you can work on small projects you can proudly take home. Get ready to unleash your creativity and gain valuable skills for your future!

**CARPENTRY 1 & 2****CTE – CAS****PREREQUISITES:** Intro to Woods**Fee:** \$10**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 3**Carpentry 1: Basics of Framing**

In this first part, you'll dive into the fundamentals of framing. You'll learn to measure, cut, and assemble key structural elements like walls and roof supports. We'll focus on taking accurate measurements, using tools safely, and working effectively as a team. Safety is a top priority.

**Carpentry 2: Siding and Roofing Techniques**

As you progress to Carpentry 2, you'll explore siding and roofing techniques. This includes applying exterior finishes and ensuring the shed is weatherproof. By the end of this course series, you'll understand the core concepts of carpentry and have hands-on experience completing a real-world project from beginning to end.

These skills will enhance your knowledge and prepare you for further studies in construction trades or practical home improvement projects as we build a backyard shed. Get ready to build and learn!

**WOODWORKING 1 & 2****CTE – CAS****PREREQUISITES:** Intro to Woods**Fee:** \$10**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1,2,3

**Woodworking 1:** This engaging course sequence immerses students in woodworking, emphasizing cabinetry, wood artistry, and lathe work. In Woodworking 1, students develop essential woodworking skills, including design, measurement, cutting, and assembly. They create functional and decorative pieces, mastering hand tools, power tools, and the wood lathe for artistic turning projects.

**Woodworking 2:** In Woodworking 2, students expand their expertise by exploring advanced lathe techniques and tackling intricate artistic projects. Additionally, students are introduced to the CNC router, combining traditional craftsmanship with modern technology to design and produce precision woodwork. This sequence equips students with versatile woodworking skills, fostering creativity and preparing them for future projects in the field or personal pursuits.

**ADVANCED WOODS PROJECTS A, B, C****CTE – CAS****PREREQUISITES:** Instructor Recommendation Only**Fee: \$10****Credits: 0.5** (can be repeated for additional credit)**Grades: 11, 12****Trimester: 1,2,3**

The Advanced Woods course sequence is an exciting opportunity for students to dive deeper into woodworking and construction. In this course, you will get to work on comprehensive projects that you help design and drive. Each term, you will take on a main project that combines different skills, such as cabinetry, finishing carpentry, and even community service. These projects are not just about making things; they encourage you to think creatively, solve problems, and pay attention to detail. You'll be involved in every step of the design and execution process!

To join this advanced sequence, you must show that you've done well in your previous Carpentry and/or Woodworking courses, with a minimum grade of 80% or higher. If you're looking to pursue a career in the trades, this course also offers a chance to earn dual credit with Chemeketa (APR101), a great way to get a head start in apprenticeship programs. By the end of this course, you'll be well-prepared for professional opportunities in woodworking, construction, and more!

**CONSTRUCTION/WOODWORKING SENIOR PORTFOLIO CAPSTONE****CTE – CAS****PREREQUISITES:** Instructor Recommendation Only**Credits: 0.5****Grades: 11, 12****Trimester: 1,2,3**

In this course, your hard work will truly shine! You will create an industry-ready resume and cover letter, showcase the concepts you've mastered, and demonstrate your technical skills. Your portfolio, along with any certifications you've earned, will be the highlight of your course experience.

You'll be able to present your work to community members and even participate in the SkillsUSA competition. This will help you sharpen your communication skills and build your confidence in front of an audience.

At graduation, you'll receive special recognition for your achievements and have a substantial work sample to impress future professors or employers. Plus, you could earn college credit and pre-apprenticeship points that will benefit you in trade-related applications! Get ready to showcase your talents and prepare for your future!

# **CULINARY ARTS**

The Culinary Arts department offers courses in baking and pastry, food preparation, and culinary business basics.

## **INTRO TO FOODS**

**CTE – CAS**

**PREREQUISITES:** None

**Fee: \$10**

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

This introductory course builds core competencies in food preparation and kitchen operations. Students develop foundational skills in recipe interpretation, unit conversions, and essential cooking methods for starches, grains, vegetables, and proteins. Instruction emphasizes industry-standard safety and sanitation practices, including proper knife handling and effective teamwork within a small kitchen environment. Learners apply Oregon Skill Sets in food safety, equipment use, and basic culinary techniques to prepare for more advanced coursework.

## **CULINARY FOUNDATIONS A, B, & C\*\***

**CTE – CAS**

**PREREQUISITES:** Intro to Foods/Instructor Approval

**Fee: \$10**

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

This intermediate course expands students' technical proficiency through hands-on practice with key cooking methods such as baking, sautéing, deep-frying, grilling, poaching, and sous vide. Students strengthen operational skills in kitchen math, food-cost control, and recipe costing while applying Oregon Skill Sets in food preparation, safety, and professional kitchen workflow. Emphasis is placed on accuracy, efficiency, and collaborative production as learners prepare for advanced culinary study or entry-level food-service roles.

\*\*Culinary Foundations is offered in odd-numbered school years.

## **CULINARY ARTS A, B, & C\*\***

**CTE – CAS**

**PREREQUISITES:** Intro to Foods/Instructor Approval

**Fee: \$10**

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

This advanced course deepens students' technical expertise through global cuisine and complex pastry production, including pâte à choux, puff pastry, phyllo dough, cakes, pies, and specialty desserts. Learners apply Oregon Skill Sets in advanced food preparation, precision baking, flavor development, and professional kitchen operations. Instruction also incorporates industry-standard restaurant management practices such as menu design, culinary math, food-cost percentages, and pricing strategies. Students refine their professional workflow and operational decision-making in preparation for advanced training or entry-level positions in the culinary and hospitality industries.

\*\*Culinary Arts is offered in even-numbered school years.

# HEALTH SERVICES

| NMHS Career Pathway Courses<br>(Complete 6 courses total)  | Career Experience Options:   | College Credit Available  |
|--|--|---|
| <p><b>Complete Pathway Introductory:</b></p> <ul style="list-style-type: none"> <li>Intro to Health Services</li> </ul> <p><b>Complete 4 or more of the following specialized courses:</b></p> <ul style="list-style-type: none"> <li>Child Development 1</li> <li>Child Development 2</li> <li>Essentials of Healthcare</li> <li>Human Anatomy &amp; Physiology</li> <li>Medical Terminology 1</li> <li>Medical Terminology 2</li> </ul> <p><b>Complete 1 Senior Portfolio</b></p> <ul style="list-style-type: none"> <li>Capstone-Health Services</li> </ul> | <ul style="list-style-type: none"> <li>SkillsUSA active membership &amp; competition</li> <li>Industry related job shadows and tours</li> <li>Healthcare related certifications as approved</li> <li>Other projects &amp; work-based learning as approved</li> </ul> | <ul style="list-style-type: none"> <li>HM120 Medical Terminology 1</li> <li>HM 121 Medical Terminology 2</li> </ul> |

## INTRO TO HEALTH SERVICES

CTE – CAS

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

The purpose of this course is to give students an opportunity to learn about health care careers in a general investigation. Students will be preparing to become involved in upper level classes in the Health Services program. Topics covered are history and trends of healthcare, health care systems, careers in healthcare, personal and professional qualities of a healthcare worker, legal and medical ethics, and FAST training.

## MEDICAL TERMINOLOGY 1

CTE – CAS

**PREREQUISITES:** Intro to Health Services

**Credits:** 0.5

**Grades:** 11, 12

**Trimester:** 1,2,3

This course is designed to introduce you to medical terminology and language – the technical language of medicine. With medical terminology you will learn to identify word root/combining forms, prefixes and suffixes then use them to analyze and build medical terms. Emphasis will be placed on meaning, correct spelling and pronunciation of medical terms. This will assist you in preparing for a career in health care, veterinary science, fire science, or as an EMT. **Students can also obtain college credit through Chemeketa Community College (HM120)**

## MEDICAL TERMINOLOGY 2

CTE – CAS

**PREREQUISITES:** Medical Term 1

**Credits:** 0.5

**Grades:** 10, 11, 12

**Trimester:** 1,2,3

This course expands our understanding of medical terminology and language. Emphasizes the terminology related to the healthcare professions and specialties, equipment, drugs, symbols and abbreviations. Provides practical application in the workplace using case studies, operative, autopsy, laboratory reports and diagnostic. **Students can also obtain college credit through Chemeketa Community College (HM121).**

**CHILD DEVELOPMENT****CTE – CAS****PREREQUISITES:** None**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1,2,3

This course provides an introductory study for students interested in working with children as a care provider, a parent, an advocate or educator. Focus is on conception through the first six years of life. Topics covered include: physical, emotional, and social development, roles of parenthood, and at-risk behaviors as they affect children. Students spend two days per week as high school helpers for children in the North Marion Primary School. Students take home an infant simulator to get a realistic look at parenting for 48 hours.

**CHILD DEVELOPMENT 2****CTE – CAS****PREREQUISITES:** Child Development**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1,2,3

This course is designed for students who have an interest in working with children. Content builds on the concepts covered in the introductory course. Topics covered include health and safety as well as careers and employability skills. Students spend two days per week as high school helpers for children in the North Marion Primary or Intermediate School.

**ESSENTIALS OF HEALTHCARE****CTE – CAS****PREREQUISITES:** Intro to Health Services**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1,2,3

Concepts in this course will include: promotion of safety, infection control, vital signs, geriatric care, and medical math. This course will provide a foundation for entry into the healthcare marketplace and/or a post-secondary institution to continue education and training.

**HEALTH SERVICES SENIOR PORTFOLIO CAPSTONE****CTE – CAS****PREREQUISITES:** Instructor Recommendation Only**Credits:** 0.5**Grades:** 11, 12**Trimester:** 1,2,3

Students will complete 20 or more hours of hands-on learning in a variety of instructor approved experiential learning opportunities, become OSHA, HIPAA, and BLS certified and prepare a professional portfolio. Students will then prepare and share a presentation that demonstrates what they have learned to a panel of audience members.

# Manufacturing Metals Technology

The Industrial and Engineering Systems Career Learning Area relates to the technologies used to design, develop, install, operate, maintain and upgrade physical systems. People in this field use academic and technological knowledge and skills to design, build, inspect, deliver, maintain, and repair aircraft, automobiles, buildings, computer equipment, roads, bridges and manufacturing machinery and robots.

Additionally, students learn to work in teams to complete shared tasks and build leadership skills by helping less experienced students improve their own career ready skills. The exploration of other career and technical education (CTE) fields is also emphasized

**SkillsUSA** is a student-led organization that forms a partnership of students, teachers, and industry working together to ensure America has a skilled workforce. **SkillsUSA** helps each student excel by providing educational programs, events and competitions that support career and technical education (CTE) in the nation's classrooms. Participation is strongly recommended for all coursework above the introductory classes.

Please be aware each of these classes require a **\$10/course fee**.

| NMHS Career Pathway Courses  | Career Experience Opportunities   |
|--|---|
| <u><b>Complete 2 Pathway Core Courses</b></u> <ul style="list-style-type: none"> <li>Intro to Metals</li> <li>Manufacturing Senior Portfolio Capstone</li> </ul> | <ul style="list-style-type: none"> <li>SkillsUSA</li> <li>FFA</li> </ul>  |
| <u><b>Complete 2 Specialized Courses</b></u> <ul style="list-style-type: none"> <li>Metal Fabrication 1 &amp; 2</li> </ul>                                       | <ul style="list-style-type: none"> <li>Career Fair</li> <li>College of Engineering Tour(s)</li> </ul>   |
| <u><b>Complete 2 or more Advanced** courses</b></u> <ul style="list-style-type: none"> <li>Adv Metal Fab A, B, C</li> </ul>                                      | <ul style="list-style-type: none"> <li>Trade-Related Training Center Tour(s)</li> <li>Other worked-based learning projects as approved</li> </ul> |

## INTRO TO METALS

CTE – CAS

**PREREQUISITES:** None

**Fee:** \$10

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2

This introductory course is designed to give students the basic knowledge and concepts in metal fabrication. The lab skills students will learn include how to work safely in a shop environment, use of tools for cold and hot metal working, basic metallurgy, SMAW or ARC welding and plasma cutting. The final will include practical demonstration of skills required to move on to the next level class.

**METAL FABRICATION 1****CTE – CAS****PREREQUISITES:** Intro to Metals with proficiency demonstrated**Fee: \$10****Credits:** 0.5 (Can be retaken for a higher grade)**Grades:** 9, 10, 11, 12**Trimester:** 1,2,3

This course builds upon the foundation level skills students' gained in Intro to Metals; preparing students to fabricate and design projects. Instruction includes advanced SMAW welding, blueprint reading and design, GMAW welding, and oxy acetylene cutting. Safety, quality control, weld critique and team leading are emphasized. The final will include practical demonstration of skills required to move on to the next level class.

**METAL FABRICATION 2****CTE – CAS****PREREQUISITES:** Metal Fab 1 with proficiency demonstrated**Fee: \$10****Credits:** 0.5 (Can be retaken for a higher grade)**Grades:** 10, 11, 12**Trimester:** 1,2,3

This course continues to build on the skills and knowledge gained in Metal Fabrication 1. Advanced instruction includes tig welding and metal forging. This course allows students to develop their skills in metal fabrication to a deeper level. The course is project-based with 1 teacher assigned and 2 student designed projects. Students will use a variety of fabrication including but not limited to sheet metal, forging and/or welding. The final will include practical demonstration of skills required to move on to the Advanced Metal Fabrication class.

**ADVANCED METAL FABRICATION A, B & C****CTE – CAS****PREREQUISITES:** Metal Fab 2 with proficiency demonstrated**Fee: \$10****Credits:** 1.5 (Can be retaken for a higher grade)**Grades:** 10, 11, 12**Trimester:** 1,2,3

This course continues to build on the skills and knowledge gained in Metal Fabrication 2. Advanced Fabrication also includes advanced TIG welding including aluminum. This course is project- based with 3 student designed projects. Students will use a variety of fabrication including but not limited to sheet metal, forging and/or welding, and participate in one of three Skills USA contests.

**METAL FABRICATION SENIOR PORTFOLIO CAPSTONE****CTE – CAS****PREREQUISITES:** Instructor Recommendation Only**Fee: \$10****Credits:** 0.5**Grades:** 11, 12**Trimester:** 2,3

This is where the work that student has been doing receives the attention it deserves! They will pull all their work into a single presentation piece (depending on pathway) and this course gives them the time and space to do it right. Presentations will involve community members and/or participation in the relevant SkillsUSA competition to help refine their skills in communication and presence. Students will receive special recognition at graduation as well as a solid work sample to impress future professors and/or employers.



# ELECTIVES

## AVID General Description:

Advancement Via Individual Determination (AVID) is an Elective: course that prepares students for college readiness and success and is scheduled during the regular school day as a year-long course for up to four years (depending on when students begin AVID). Students receive instruction utilizing rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic survival skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking, and research.

### AVID 9

### ELECTIVE

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

Successful middle school to high school transition; Critical reading and analytical writing skills; Strategic, focused note-taking skills; Time management and organizational strategies; Critical thinking through tutorials and Socratic seminars; Academic vocabulary preparation; Digital citizenship; Stress management, self-care, and healthy habits.

### AVID 10

### ELECTIVE

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

Critical reading, text analysis skills and academic vocabulary preparation; Strategic, focused note-taking skills. Critical thinking through tutorials and Socratic seminars; Time management and organizational strategies; Preparation for College entrance exams/college & career exploration; Financial literacy.

### AVID 11

### ELECTIVE

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

Critical reading and text analysis skills; Strategic, focused note-taking skills. SAT/ACT preparation; Scholarship applications/College portfolios/College applications; Financial literacy.

### AVID 12

### ELECTIVE

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1

Critical reading and text analysis skills; Critical thinking and collaborative discussion strategies through tutorials and Socratic seminars; Strategic, focused note-taking skills. Academic vocabulary and literacy, rhetorical reading and analytical writing; Preparation for college entrance and placement exams; College scholarship applications; College application completion; Financial literacy.

### CREATIVE WRITING

### ELECTIVE

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

Creative Writing emphasizes the creation of fiction and exploration of elements that form the core of the genre: character, dialogue, plotline and conflict. In addition, students will propose and work on independent creative writing projects that will span the whole trimester. The core of the class is being creative, and so students should be comfortable taking risks when trying out new ideas.

**DIGITAL FABRICATION****CTE – CAS****PREREQUISITES:** None**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1& 2

In this digital fabrication projects-based sequence, students will learn the basics of the manufacturing process starting with the initial design and ending with several projects made in plastics, woods, and other natural and man-made materials. Students will learn how to use industry-standard computer-aided design (CAD) and computer aided manufacturing (CAM) programs in addition to using computer numerical control equipment (CNC) like vinyl cutters, 3D printers, CNC routers, and laser engravers. Career awareness as well as being a producer rather than just a consumer of products is also emphasized.

**SCIENCE FICTION LITERATURE****ELECTIVE****PREREQUISITES:** None**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1,2,3

This course addresses major themes in the genre of science fiction, specifically how contact with “the other” can reframe our thinking about the world. A primary goal for the course is to try to define the genre of science fiction based on its historical context and features. Daily class discussion, driven by careful reading and questioning, is a key part of the course.

**PSYCHOLOGY****ELECTIVE****PREREQUISITES:** None**Credits:** 0.5**Grades:** 10, 11, 12**Trimester:** 1

Psychology is the study of the human mind and human behavior. This introduction to topics in psychology covers the issues of experimental design in psychology, the fundamentals of neuroscience and the role of the brain in driving behavior, the fundamentals of human sensation and perception, the role of learning and memory in human performance, and current career opportunities and trends in psychology. Core course outcomes will be measured with weekly quizzes, tests, essays, required labs, required class discussions, and required class presentation.

**THE WORLD AND BEYOND****ELECTIVE****PREREQUISITES:** None**Credits:** 0.5**Grades:** 9, 10, 11, 12**Trimester:** 1,2,3

Are you curious about the mysteries of the universe, the secrets of history, or the hidden patterns of human behavior?

This course gives you the chance to dive into fascinating topics from both science and the social sciences. Together, we'll explore everything from the search for alien life and the strange forces of dark matter to the discovery of bizarre creatures on Earth, and unusual moments and people in history. You'll also get to investigate psychology, sociology, and other fields that help us understand who we are and how we connect with the world. Along the way, you'll discover subjects that spark your curiosity and might even inspire future choices in classes or career paths. A unit on dark matter could get you hooked on astronomy, while a lesson on the Dancing Plague of 1518 might lead you deeper into history. The goal is to help you find what excites you most while building skills you'll use across all your classes. Because this is a student-driven course, you'll have a say in where we go and what we explore. No prerequisites are required, just bring your curiosity and imagination and be ready to take an active role in shaping the journey.

**WORK EXPERIENCE****ELECTIVE**

**PREREQUISITES:** See description below

**Credits:** 0.5 (may be repeated for a total of 6.0 credits over two years)

**Trimester:** 1

**PREREQUISITE & REQUIREMENTS OF THE COURSE:**

- **Must be a Junior or Senior**
- **Completed Work Experience Form and Verification of Employment (pay stubs)**
- **Work Experience Form must be completed each trimester**
- **A maximum of 2 periods or 1.0 credit each trimester is permissible**
- **Student must work a total of 10 hours per week (120 hours = .5 credit)**
- **Student must submit each pay stub received during trimester**

The North Marion High School Work Experience program is open to students who select a work place in their chosen career area or an area based on individual interests, strengths, and career options. The program intends to allow the student to gain real-life experience and insight into their chosen area.

# ENGLISH

The English program is designed to provide a variety of educational experiences for students. Course offerings have been developed to provide experiences in reading and literature, language, oral and written communication.

## ENGLISH 9 A & B

REQUIRED

PREREQUISITES: None

Credits: 1.0

Grades: 9

Trimester: 1,2,3

English 9 is a required freshman survey course in which students study a variety of literary genres, including short story, drama, poetry, nonfiction and novels while developing writing and analytical skills. Reading, writing, vocabulary and literary terms are emphasized.

## ENGLISH 10 A & B

REQUIRED

PREREQUISITES: None

Credits: 1.0

Grades:10

Trimester: 1,2,3

English 10 is a required sophomore survey course in which students study various literary genres while developing analytical and critical thinking skills. Students will continue to expand their essay-writing skills, vocabulary and understanding of literary terms. Students should expect regular homework assignments.

## ENGLISH 10 HONORS A & B

FULFILLS SOPH. ENG REQUIRED

PREREQUISITES: Teacher Recommendation

Credits: 1.0

Grades:10

Trimester: 1,2,3

English 10 Honors is an accelerated course for sophomores who want a challenging study of contemporary and multi-cultural literature. Students will write a variety of essays and give oral presentations. In addition, they will read a variety of literary genres and learn literary terminology. Students should expect no less than one hour of homework each day and stringent deadlines. ***Because participation is essential in this class, EXCEPTIONAL attendance is required.*** For students to continue in the program, students must maintain at least a C and be present at least 90% of the time.

## ENGLISH 11 A & B

REQUIRED

PREREQUISITES: None

Credits: 1.0

Grades:11

Trimester: 1,2,3

English 11 is a required junior course in which students study the diversity of American society through its history of literature. Students will continue to develop vocabulary, critical thinking skills, and analysis through reading, writing and discussion. Students should expect homework.

**ENGLISH 11 HONORS A & B****FULFILLS Jr. ENG REQUIRED****PREREQUISITES:** Teacher Recommendation**Credits:** 1.0**Grades:**11**Trimester:** 1,2,3

English 11 Honors is an accelerated class for those students who plan to attend college. Through extensive reading and writing of various genres, students will study and analyze American literature and society. Emphasis will be on composition skills, reading and analyzing novels and short stories, vocabulary development, and applying literary terminology. Students should expect no less than one hour of homework each day and stringent deadlines. ***Because participation is essential in this class, EXCEPTIONAL attendance is required.*** In order for students to enter and continue in the program, students must maintain at least a C and be present at least 90% of the time.

**ENGLISH 12 A & B****REQUIRED****PREREQUISITES:** None**Credits:** 1.0**Grades:**12**Trimester:** 1,2,3

English 12 is a required course in which students will study novels from three international authors and engage in required Socratic Seminars to foster the key skills of reading with a critical eye and speaking clearly to present, discuss, and defend their ideas. The second trimester's focus is on satire as a literary tool, the Romantic period and Macbeth.

**ENGLISH 12 HONORS A (WRITING 121)****FULFILLS Sr. ENG REQUIRED****PREREQUISITES:** None**Credits:** 0.5 (Also 4 college credits)**Grades:**12**Trimester:** 2,3

Writing 121Z engages students in the study and practice of critical thinking, reading, and writing. The course focuses on analyzing and composing across varied rhetorical situations and in multiple genres. Students will apply key rhetorical concepts flexibly and collaboratively throughout their writing and inquiry processes.

Successful completion with a C or better (or demonstrated competency) is required to move to WR 122Z. Partially fulfills WOU's general education foundational skills writing requirement.

**ENGLISH 12 HONORS B (WRITING 122)****FULFILLS Sr. ENG REQUIRED****PREREQUISITES:** None**Credits:** 0.5 (Also 4 college credits)**Grades:**12**Trimester:** 2,3

WR 122Z builds on concepts and processes emphasized in WR 121Z, engaging with inquiry, research, and argumentation in support of students' development as writers. The course focuses on composing and revising research-based genres through the intentional use of rhetorical strategies. Students will find, evaluate, and interpret complex material purposefully into their own compositions.

Fulfills WOU's general education foundational skills writing requirement if passed with a C or better.

# **ENGLISH LANGUAGE LEARNERS (ELL)**

## **ELL LANGUAGE DEVELOPMENT 1, 2**

**ELECTIVE**

**PREREQUISITES:** ESL Language Assessment Test Levels 1-2

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

The goal of ESL Language Development 1 is for ESL students to improve their English language through speaking, listening, reading and writing instructions.

## **ELL LANGUAGE DEVELOPMENT 3, 4**

**ELECTIVE**

**PREREQUISITES:** ESL Language Assessment Test Levels 3-4

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

The goal of ESL Language Development II course is for ESL students with an intermediate level or early advanced level score on an ESL language test to improve their knowledge and overall mastery of complex grammatical structures in English through specific activities that emphasize reading, writing, and speaking at an advanced level.

## **WORLD HISTORY ELD A & B**

**REQUIRED – SST**

**PREREQUISITES:** None

**Credits:** 1.0

**Grades:** 9 Only

**Trimester:** 1,2

**World History A:** Foundations of the Modern World (AD 1450–1850)

Students explore the early modern period, focusing on global interactions and transformations that laid the foundation for the modern world. Topics include world geography, the rise of empires, global trade networks, the Scientific Revolution, the Enlightenment, political revolutions, and early industrialization.

**World History B:** The Modern and Contemporary World (AD 1850–Present)

Students will examine the political, economic, and social transformations of the modern and contemporary eras. Topics will include world geography, industrialization, imperialism, and global conflicts, including World Wars I and II, the Cold War, and contemporary issues with emphasis on globalization and modern challenges.

## **WL/ELD 20<sup>th</sup> CENTURY US HISTORY A & B**

**REQUIRED – SST**

**PREREQUISITES:** None

**Credits:** 1.0

**Grades:** 9 Only

**Trimester:** 1,2

**20<sup>th</sup> Century A** - explores significant and standard topics in American history from the end of the Civil War (AD 1865) through the Great Depression (AD 1937).

**20<sup>th</sup> Century B** - explores significant and standard topics in American history from the origins of World War II (AD 1937) through the collapse of the Soviet Union and the "unipolar moment" (AD 1991-2016).

**\*May be replaced with College Credit Now History Series 201, 202 & 203**

# **HEALTH / PHYSICAL EDUCATION**

North Marion's Health and Physical Education Program is designed towards the development of the Health Education PE standard in accordance with Oregon Standards. Development of the Health Education Standards has been undertaken by the Oregon Association of the Advancement of Health Education (OAAHE). These standards are based on the National Health Education Standards. Physical Education Standards were developed by the Oregon Association for Physical Education (OAPE) and are based on the National Standards for Physical Education. Among these curriculum goals are:

**Healthy and Fit Body** – Understand and integrate concepts of physical, mental and emotional health;

**Controllable Health Risks** - Apply prevention and risk reduction concepts to health-related problems. Aids education is included in K-12 health courses as required by the Department of Education;

**Safe and Healthy Environment** – Explain safe physical, social and emotional environments for individuals, families, schools and communities.

## **HEALTH COURSES**

### **SOCIAL HEALTH**

**REQUIRED**

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 11

**Trimester:** 1,2,3

Social Health is the second of two required Health courses at North Marion High School. Information will be presented through both lecture and student-directed research and discovery, to increase understanding of their own health and wellness. Topics covered are Nutrition, Physical Activity, Communicable & Chronic Diseases, Tobacco/Vape, Drugs and Alcohol, Sun Safety, Sexual Health/Reproduction/Growth & Development, and First Aid/CPR.

### **WELLNESS**

**REQUIRED**

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 10

**Trimester:** 1,2,3

Wellness is the first of two required Health courses at North Marion High School. Information will be presented through both lecture and student-directed research and discovery, to increase understanding of their own health and wellness. Students will learn about Mental and Emotional Health, Growth and Development, Personal Health and Physical Activity, Sleep Benefits, Health Care, Bullying, Suicide Prevention, Environmental Health, Sexual Health, Unintentional Injuries, Health Relationships/Abuse Prevention, Alcohol, Tobacco and Drugs.

# PHYSICAL EDUCATION COURSES

## PE 1

PE

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9 (ONLY)

**Trimester:** 1,2,3

This course is the first of two classes that fulfill the district and state requirement for physical education and state content. Students will learn the fundamentals of physical fitness through a variety of activities, such as cardiovascular training, yoga, lifelong fitness games (i.e. tennis), and strength training, as well as learning how technology can contribute to a physically active lifestyle (such as fitness tracking apps, access to videos, etc.). Students will assess their own levels of fitness and write goals for improvement in specific fitness areas, then analyze the improvements they made throughout the term.

## PE 2

PE

**PREREQUISITES:** None

**Credits:** 0.5 (May be repeated – unlimited)

**Grades:** 10, 11, 12

**Trimester:** 2,3

PE 2 is for students who were not able to obtain a PE 1 credit during their freshman year and will fulfill the district and state requirement for physical education and the state content standards for Physical Education. Units include individual, dual (tennis, badminton) and team (lacrosse, speed away, cooperative games, ultimate games, frisbee and team handball) activities and physical conditioning. Emphasis will be on applying skills and rules in game situations and communicating basic strategies to others. Students will be given the opportunity to demonstrate the application of conflict resolution strategies in appropriate ways. Students will assess and analyze their personal fitness status and write a personal fitness and activity program.

## EVERYDAY FITNESS

PE

**PREREQUISITES:** PE 1 or PE 2

**Credits:** 0.5 (May be repeated – unlimited)

**Grades:** 10, 11, 12

**Trimester:** 2,3

This course qualifies as the second of two classes that fulfill the district and state requirement for physical education and the state content standards for Physical Education. This class focuses on cardiovascular activities that can lead to overall fitness and healthy weight loss. Activities will include, but are not limited to jogging and walking, dancing (such as ZUMBA), circuit weight training, and comprehensive workouts like yoga and Pilates. Students will learn activities they can participate in after the class is completed, so they can continue to maintain a healthy life style!

## JOGGING FOR FITNESS

PE

**PREREQUISITES:** PE 1 or PE 2

**Credits:** 0.5 (May be repeated – unlimited)

**Grades:** 10, 11, 12

**Trimester:** 2,3

This course qualifies as the second of two classes that fulfill the district and state requirement for a physical education and the state content standards for Physical Education. Students will develop and participate in a jogging/walking program to gain and maintain cardiorespiratory fitness.

## NET GAMES

PE

**PREREQUISITES:** PE 1 or PE 2

**Credits:** 0.5 (May be repeated – unlimited)

**Grades:** 10, 11, 12

**Trimester:** 2,3

This course qualifies as the second of two classes that fulfill district and state requirements for PE. This class will cover a variety of net based sports and activities, such as volleyball, tennis, badminton, and pickle ball. Students will spend time learning the basics and fundamentals of each, then have an opportunity to put those skills into practice through game play.



**RECREATIONAL BASKETBALL****PE****PREREQUISITES: PE 1 or PE 2****Credits: 0.5** (May be repeated – unlimited)**Grades: 10, 11, 12****Trimester: 1,2**

This course qualifies as the second of two classes that fulfill the district and state requirement for physical education and the state content standards for Physical Education. This course will promote fitness and recreation through instruction in basketball fundamentals. Instruction on play will include shooting, dribbling, rebounding, defensive positioning, rules, strategy, and knowledge and history of the game.

**RECREATIONAL VOLLEYBALL****PE****PREREQUISITES: PE 1 or PE 2****Credits: 0.5** (May be repeated – unlimited)**Grades: 10, 11, 12****Trimester: 2**

This course qualifies as the second of two classes that fulfill the district and state requirement for physical education and the state content standards for Physical Education. This course will promote fitness and recreation through instruction in volleyball fundamentals. Instruction on play will include passing, serving, hitting, defensive positioning, rules, strategy and knowledge and history of the game.

**ULTIMATE GAMES****PE****PREREQUISITES: PE 1 or PE 2****Credits: 0.5** (May be repeated – unlimited)**Grades: 10, 11, 12****Trimester: 2**

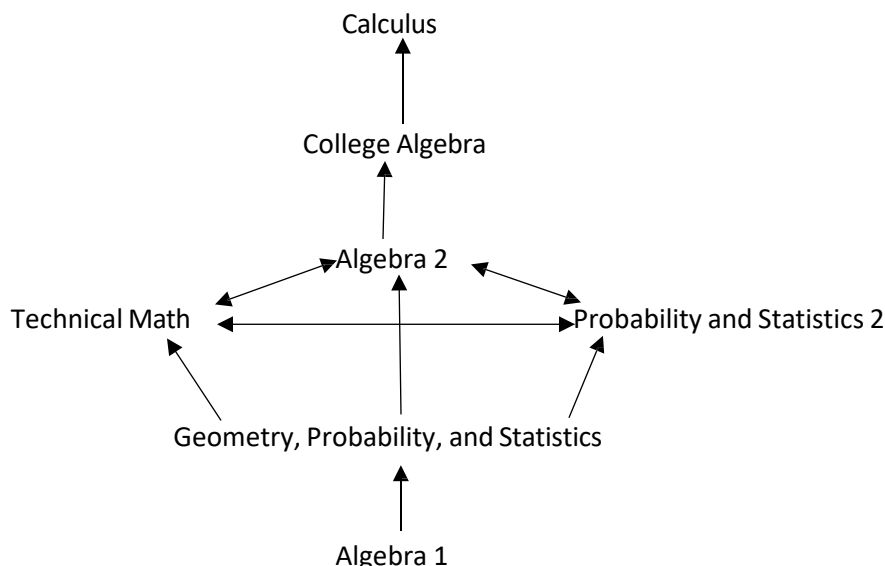
This course qualifies as the second of two classes that fulfill the district and state requirement for physical education and the state content standards for Physical Education. This course will expose the student to a variety of sport activities. The course may include activities such as basketball, softball, football, hockey, volleyball, badminton, table tennis, lacrosse and soccer.

**WEIGHT TRAINING****PE****PREREQUISITES: PE 1 or PE 2****Credits: 0.5** (May be repeated – unlimited)**Grades: 10, 11, 12****Trimester: 1,2,3**

This course qualifies as the second of two classes that fulfill the district and state requirement for a physical education and the state content standards for Physical Education. This class focuses on improving the muscular strength and endurance of students. The primary activity is weight lifting, with a variety of cross training to ensure a balanced approach to fitness. Students will complete a strength training program, set goals, and work towards achieving those goals.

# MATHEMATICS

Mathematics is basic to most human endeavors. More advanced skills are essential for any student planning on further education leading to a career in a technical field such as science, law, medicine, engineering, electronics, computers or architecture and design.



North Marion's mathematics program follows a two plus one model. All students are required to earn credit for Algebra 1 and Geometry, Probability, and Statistics. Then students have a choice of elective third year courses.

**Students should note that the mathematics entrance requirement for all Oregon four-year universities includes three (3) years of mathematics through Algebra 2.**

## ALGEBRA 1 A\*, B & C

MAT & ELC

**PREREQUISITES:** None

**Credits:** 0.5 Elective\*/1.0 Math credit

**Grades:** 9, 10

**Trimester:** 1,2,3

Algebra 1 is a three-term course designed to focus on helping students acquire the necessary skills in solving equations, sequences, functions families, systems of equations and inequalities, operations with polynomials, and operations with powers; all skills that students will need in their high school math career. Algebra 1 A is elective credit while B and C are math credit classes.

## ALGEBRA 2 A & B

MAT

**PREREQUISITES:** Geometry, Probability & Statistics

**Credits:** 1.0

**Grades:** 10, 11, 12

**Trimester:** 1,2,3

Algebra II is required for students intending to enter a university in Oregon and who have a firm grasp on the concepts covered in Algebra I and Geometry. This course addresses topics in advanced algebra including functions, logarithms, radicals, rational exponents, solving advanced algebraic equations and graphing.

**PRECALCULUS A, B, & C****MAT****PREREQUISITES:** Algebra 2 with a minimum grade of C**Credits:** 1.5**Grades:** 10, 11, 12**Trimester:** 1,2,3

This is a 3-trimester college level course that offers the opportunity to also earn college credit for both MATH 111Z (Precalculus: Functions) and MATH 112Z (Precalculus: Trigonometry) through the Willamette Promise program. Precalculus is a course primarily designed for students preparing for fields of study requiring Trigonometry or Calculus. As it is a college level mathematics course, students should anticipate the coursework to be more rigorous than previous math classes. Students are encouraged to purchase their own graphing calculator for this course. A TI-84 is recommended.

**Precalculus: Functions** - MATH 111Z (during Precalculus A and B) focuses on functions and their properties, including polynomial, rational, exponential, logarithmic, piecewise-defined, and inverse functions.

**Precalculus: Trigonometry** - MATH 112Z (during Precalculus B and C) explores trigonometric functions and their applications as well as the language and measurement of angles, triangles, circles, and vectors.

This course emphasizes skill building, problem solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology. Topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context.

For students wishing to earn the optional college credit through Willamette promise, there is a once yearly fee to participate in the program. This fee may be waived for students from families who qualify for financial assistance. Students may earn up to a total of 8 college credits for the course - 4 credits for passing MATH 111Z (awarded in March) and 4 credits for passing MATH 112Z (awarded in June).

**CALCULUS A, B & C****MAT****PREREQUISITES:** College Algebra (MTH 111) and Trigonometry (MTH 112) with a minimum grade of C**Credits:** 1.5**Grades:** 11, 12**Trimester:** 1,2,3

This is a 3-trimester college level course that offers the opportunity to also earn college credit for both MATH 251 (Differential Calculus) and MATH 252 (Integral Calculus) through the Willamette Promise program. Learning Calculus prepares students for further study in various fields such as mathematics, the sciences, engineering, and other technical fields. As it is a college level mathematics course, students should anticipate the coursework to be more rigorous than previous math classes. Students are encouraged to purchase their own graphing calculator for this course. A TI-84 is recommended.

**Differential Calculus** - MATH 251 (during Calculus A and B) covers limits; the theory, computational techniques, and applications of the derivative of a function as well as an introduction to antiderivatives.

**Integral Calculus** - MATH 252 (during Calculus B and C) covers computational techniques for and applications of the definite and indefinite integrals.

For students wishing to earn the optional college credit through Willamette promise, there is a once yearly fee to participate in the program. This fee may be waived for students from families who qualify for financial assistance. Students may earn up to a total of 8 college credits for the course - 4 credits for passing MATH 251 (awarded in March) and 4 credits for passing MATH 252 (awarded in June).

**GEOMETRY, PROBABILITY & STATISTICS A & B****MAT****PREREQUISITES:** Algebra 1**Credits:** 1.0**Grades:** 9, 10, 11**Trimester:** 1,2,3

This course is designed for students with a firm grasp of basic algebra concepts. It is a requirement for graduation. This course addresses topics of classifying polygons, transformations, triangle congruence, similarity, measurement to solve applied problems, right triangle trigonometry, as well as data analysis, theoretical and experimental probability, and statistical inference.

**PROBABILITY & STATISTICS 2 A & B****MAT****PREREQUISITES:** Geometry, Probability & Statistics**Credits:** 1.0**Grades:** 11, 12**Trimester:** 1,2,3

Introduce the study of likely events and the analysis, interpretation and presentation of quantitative data. Course topics may include basic probability and statistics: discrete probability theory, odds and probability, probability trees, populations and samples, frequency tables, measures of central tendency, analyzing data visuals, presentation of data, normal distribution and measures of variability.

**TECHNICAL MATH A & B****MAT****PREREQUISITES:** Geometry, Probability & Statistics**Credits:** 1.0**Grades:** 11, 12**Trimester:** 1,2,3

This course will cover the application of mathematics in the real world. Areas of study will include but will not be limited to the fields of construction, fabrication, engineering, and physics. The mathematical content will include but will not be limited to measurement, dimensional analysis, interest and other percent applications, linear, quadratic and exponential functions, trigonometry and modeling data with regressions.

# MUSIC

Music is included in the curriculum to meet students' need to create. As they develop performance skills they also enrich their lives through communication of feelings and emotions that words cannot always convey. As the noted choir director Robert Shaw has stated, "In a world of political, economic, and personal disintegration, music is not a luxury but a necessity -- not simply because it is therapeutic or because it is the universal language -- but because it is the persistent focus of man's intelligence, aspiration, and goodwill." Music has been proven to help students excel in all subjects.

## **CONCERT CHOIR A, B & C**

## **FINE ARTS**

**PREREQUISITES:** None

**Credits:** 0.5 (May be repeated)

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

Concert Choir is a beginning and entry level singing ensemble that introduces students to various styles of Choral literature in SAB and SATB voicings. This includes songs from as early as the classical period, leading up to today's most popular vocal hits. Students will gain vocal experience through repertoire study, group performances, vocal exercises, warm ups, and peer demonstrations.

## **CHAMBER CHOIR A, B & C**

## **FINE ARTS**

**PREREQUISITES:** Audition or teacher approval only

**Credits:** 1.5 (May be repeated)

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

Chamber Choir is a singing ensemble intended for experienced and confident singers with at least one year of Choir experience. The ability or desire to be challenged and learn vocal music quickly is expected of all students in this class. This singing ensemble will provide students with the opportunity to learn a variety of more advanced choral literature including a cappella music and songs with extended five to eight part harmonies. Students will also participate and compete as a Choir in league and possibly state competitions. Instructor approval or an audition is required before enrolling.

## **CONCERT BAND A, B & C**

## **FINE ARTS**

**PREREQUISITES:** Plays an Instrument

**Credits:** 1.5 (May be repeated)

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

Through the course of the year students will learn music ranging large ensemble pieces, chamber ensemble pieces, and athletic band pieces. We will incorporate music history and theory into the course throughout lessons. This is a performance group that has required performances at concerts each trimester, festivals and competitions, home football and basketball games, as well as recruiting opportunities at the younger North Marion schools.

## **JAZZ BAND A, B & C**

## **FINE ARTS**

**PREREQUISITES:** Audition Only

**Credits:** 1.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

Jazz band is a zero period class that meets from 7:00-7:50 in order to allow students freedom to take other courses during the school day. Students in jazz band also need to enroll in concert band. Students must provide their own transportation to school in the mornings. Through the course of the term students will perform a wide range of literature including swing, Latin jazz, funk, ballads, and more. Jazz theory and history will be covered and used daily. Students will also learn the foundations of improvisation, a key element of jazz. This is a performance group that has required performances at concerts each trimester as well as festivals and competitions throughout the year.

# SCIENCE

Science involves not only knowledge but also a way of seeking knowledge. The science courses at North Marion High School are designed to teach the student this method of seeking knowledge and problem solving. Through laboratory work students will learn some of the knowledge science has accumulated; but just as important they will learn to apply scientific methods to problems faced in daily life. In a society that is becoming increasingly technological, students should try to prepare themselves for the future by acquiring a thorough foundation in the Sciences. Students may take science every year if they choose.

## **ASTRONOMY**

**SCI**

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

Astronomy and Earth Science is the study of celestial objects from stars to planets and extra-terrestrial life to space travel. With visual aids and unique labs, you will discover how we know so much about our universe, what might be out there and what might happen in the future. An added emphasis of this class will be Earth specific systems and Earth's place in the universe.

## **BIOLOGY A & B**

**REQUIRED - SCI**

**PREREQUISITES:** None

**Credits:** 1.0

**Grades:** 10

**Trimester:** 2

Biology is the study of life. This course is designed to take an in depth look at the relationships among living things and their environment. This is a two trimester course. Biology A will consist mainly of the scientific process, ecology, the cell and genetics. Biology B will concentrate on the diversity of life and the different characteristics of organisms.

## **CHEMISTRY A & B**

**SCI**

**PREREQUISITES:** None

**Credits:** 1.0

**Grades:** 10, 11, 12

**Trimester:** 1,2,3

Recommended for all college bound students. This course meets the laboratory science requirement of most colleges and universities. Chemistry is the study of the scientific explanation for the structure of matter. Atomic theory, chemical laws, properties of common compounds and elements, chemical equations, chemical bonding, and chemical reactions are the main topics of study. The student will be expected to solve chemical problems and develop basic laboratory skills. Approximately half of class time is devoted to laboratory work.

## **ENVIRONMENTAL SCIENCE**

**SCI**

**PREREQUISITES:** None

**Credits:** 1.0

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2,3

This project-based Environmental Science course engages students in investigations of ecosystems, biodiversity, and biogeochemical cycles while examining human impacts such as pollution and climate change, through inquiry-driven projects. Learners analyze ecological relationships, assess environmental problems, and sustainable solutions.

**HUMAN ANATOMY & PHYSIOLOGY****SCI****PREREQUISITES: Biology A & B****Credits: 0.5****Grades: 11, 12****Trimester: 1,2,3**

Human Anatomy and Physiology will study the systems of the human body and how they interact with one another. Content includes: basic anatomy, structure and function of body systems. This course provides a basic understanding of the interactions among the human body systems. A student who is interested in health related fields will be provided a strong foundation to build upon for their post high school education. This course will provide students with an appreciation of the design and the complexity of the human body.

**PHYSICAL SCIENCE A & B****REQUIRED - SCI****PREREQUISITES: None****Credits: 1.0****Grades: 9****Trimester: 1,2,3**

Physical Science is divided into two areas of investigation.

- A. Introduction to Chemistry: A study of the structure of atoms, the periodic table, chemical reactions and thermodynamics.
- B. Introduction to Physics and Environmental Science: Study of the laws of motion, field forces, climate and sustainability.

**PHYSICS A & B****SCI****PREREQUISITES: None****Credits: 1.0****Grades: 11, 12****Trimester: 1,2,3**

Recommended for all college bound students. Physics meets the requirements of colleges and universities that require laboratory science courses in high school. Physics is the study of energy and matter and their inter relationships. The course includes emphasis on these topics:

- 1. Forces: static and dynamic systems, gravitation
- 2. Motion and Energy: momentum, Kinetic and potential energy work
- 3. Wave motion
  - a. Longitudinal waves: sound
  - b. Transverse waves: light
- 4. Electricity and magnetism
- 5. Thermodynamics
- 6. Atomic structure
- 7. Nuclear physics
- 8. Modern physics

The experimental work involves measurement and some application of mathematics. Approximately half the class time is devoted to laboratory/experimental work. This is a *College Preparatory class*, especially recommended for students who expect to continue their education and plan on entering the fields of engineering, science, mathematics, medicine, law, and communications technology.

**ZOOLOGY****SCI****PREREQUISITES: Biology A & B****Credits: 0.5****Grades: 11, 12****Trimester: 1,2,3**

Zoology is the study of animals. This class will focus on organisms found in the animal kingdom. Students will learn about anatomy and physiology in animals as well as taxonomic relationships. Be prepared for dissections and other "hands-on" activities in this laboratory class.

# **SECOND LANGUAGE**

A student who studies a second language not only acquires a valuable communication skill, but also broadens his/her understanding of a different culture. As the world grows smaller due to instant communication and multi-national corporations, it is an asset to display a deeper understanding of a different culture and its language.

All 4 - year schools also require students to have 2 years minimum of the same Foreign Language. Check the college you would like to attend for specific requirements.

## **SPANISH 1 A & B**

**2<sup>nd</sup> LANG – CAS**

**PREREQUISITES:** None

**Credits:** 1.0

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2

This course is an introduction to the Spanish language. The student will learn vocabulary, as well as the basic sayings, expressions and the foundations of grammar in the present tense. In addition, the student will become acquainted with the different countries of Latin America and the various aspects of pre-Columbian and Hispanic culture through movies, lectures and projects.

## **SPANISH 2 A & B**

**2<sup>nd</sup> LANG – CAS**

**PREREQUISITES:** Spanish 1 or Instructor Approval

**Credits:** 1.0

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2

In Spanish 2 the students will expand their vocabulary and grammar forms to include past and future tenses. Vocabulary will reflect typical daily life conversation. Students will increase their oral and auditory skill by speaking Spanish with native Spanish speakers and by speaking Spanish during class time. Students will also increase their fluency and cultural knowledge by watching videos in Spanish and doing cultural projects.

## **SPANISH 3 A & B**

**2<sup>nd</sup> LANG – CAS**

**PREREQUISITES:** Spanish 2 or Instructor Approval

**Credits:** 1.0

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2

In Spanish 3, students will continue to increase their Spanish comprehension and production skills. They will be expected to listen to and read intermediate or higher materials. Students will also practice their speaking skills through conversations and presentations. Students will expand their writing skills through longer and more complex writing assignments. This class is a prerequisite for Spanish 4 where students may earn college credit and their biliteracy seal. (Exceptions will be made for seniors.)

## **SPANISH 4 A & B**

**2<sup>nd</sup> LANG – CAS**

**PREREQUISITES:** Spanish 3 or Instructor Approval

**Credits:** 1.0

**Grades:** 9, 10, 11, 12

**Trimester:** 1,2

In Spanish 4, students will build on the skills they learned in Spanish 3 by continuing to increase comprehension of Spanish materials (written and spoken). There will be a focus on preparing for the Willamette Promise test to be able to earn college credits and the biliteracy seal.



**PREREQUISITES: Spanish 4 or Instructor Approval****Credits: 1.0****Grades: 9, 10, 11, 12****Trimester: 1,2**

Spanish 5 is an advanced, proficiency-focused course designed for students who have successfully completed Spanish 4 or equivalent. Students refine their speaking, listening, reading, and writing skills through sustained use of Spanish in authentic contexts. The course emphasizes advanced grammar, academic and creative writing, cultural analysis, and discussion of literature, media, and current issues from the Spanish-speaking world. Instruction is conducted primarily in Spanish, with the goal of building confidence, fluency, and cultural competence in preparation for advanced study, travel, and real-world communication. Students will be able to take the Willamette Promise Spanish test and qualify for the biliteracy seal as well as earn college credits (if not previously taken).

Students who would like to consider another second language should contact their counselor.  
This may entail some personal expense and/or time beyond the regular school day.

# **SOCIAL SCIENCES**

Social Science is a program designed to familiarize students with the historical development of our nation and the relationships of historical events to current problems of national and international importance. Emphasis is also placed on the citizen role in our society from both a political and economic perspective. Citizenship awareness is a major focus of the entire program.

## **WORLD HISTORY A & B**

**REQUIRED – SST**

**PREREQUISITES:** None

**Credits:** 1.0

**Grades:** 9 Only

**Trimester:** 1,2

**World History A:** Foundations of the Modern World (AD 1450–1850)

Students explore the early modern period, focusing on global interactions and transformations that laid the foundation for the modern world. Topics include world geography, the rise of empires, global trade networks, the Scientific Revolution, the Enlightenment, political revolutions, and early industrialization.

**World History B:** The Modern and Contemporary World (AD 1850–Present)

Students will examine the political, economic, and social transformations of the modern and contemporary eras. Topics will include world geography, industrialization, imperialism, and global conflicts, including World Wars I and II, the Cold War, and contemporary issues with emphasis on globalization and modern challenges.

## **20<sup>th</sup> CENTURY US HISTORY A & B**

**REQUIRED – SST**

**PREREQUISITES:** World History

**Credits:** 1.0

**Grades:** 10, 11, 12

**Trimester:** 1,2

**20th Century A** - explores significant and standard topics in American history from the end of the Civil War (AD 1865) through the Great Depression (AD 1937).

**20th Century B** - explores significant and standard topics in American history from the origins of World War II (AD 1937) through the collapse of the Soviet Union and the "unipolar moment" (AD 1991-2016).

**\*May be replaced with College Credit Now History Series 201, 202 & 203**

## **GOVERNMENT & CIVICS**

**REQUIRED – SST**

**PREREQUISITES:** None

**Credits:** 0.5

**Grades:** 12

**Trimester:** 1

This **one-trimester course** prepares students for informed and active participation in American democracy through a focused study of U.S. government, constitutional principles, and civic engagement. Students examine the foundations and structures of the U.S. government, including the Constitution, federalism, and the separation of powers, while analyzing how democratic ideals are upheld and challenged in contemporary society. The course prioritizes the roles, rights, and responsibilities of citizens, with particular attention to political participation, civil liberties, civil rights, and public policy decision-making. Instruction emphasizes discussion, case studies, constitutional analysis, and current events, allowing students to connect foundational principles to modern democratic challenges.

**ECONOMICS****REQUIRED – SST****PREREQUISITES:** None**Credits:** 0.5**Grades:** 12 ONLY**Trimester:** 1

This **one-trimester course** develops students' ability to think critically about economic decision-making in a market economy and emphasizes economic reasoning, data analysis, and evidence-based evaluation of economic policies and claims. Students examine how individuals, businesses, and governments make choices under conditions of scarcity, and how incentives influence behavior and outcomes. The course explores how markets allocate resources through supply and demand, the role of prices and competition, and the importance of institutions such as property rights and the rule of law in supporting economic growth and stability. Students engage in simulations, case studies, discussions, and performance tasks that build economic literacy and prepare them to evaluate economic information as informed citizens, workers, and consumers.

**HISTORY 201 HISTORY OF THE UNITED STATES****REQUIRED – SST****PREREQUISITES:** English 11H with minimum grade of C or overall GPA of 2.5 or passing placement test score.**Credits:** 0.5**Grades:** 11, 12**Trimester:** 1

History 201 is a Willamette Promise class which surveys the cultural, economic, social, and political developments of the United States from 1492 to 1840. To obtain college credit for this class, students are required to pay the required fee and cover the cost of the textbook.

\* This course can satisfy 20<sup>th</sup> Century US History A, if taken with History 202 AND 203

**HISTORY 202 HISTORY OF THE UNITED STATES****REQUIRED – SST****PREREQUISITES:** Pass History 201 (see 201 Prerequisite)**Credits:** 0.5**Grades:** 11, 12**Trimester:** 1

History 202 is a Willamette Promise class which surveys the cultural, economic, social, and political developments of the United States from 1840 to 1900. To obtain college credit for this class, students are required to pay the required fee and cover the cost of the textbook.

\* This course can satisfy 20<sup>th</sup> Century US History B, if taken with History 201 AND 203

**HISTORY 203 HISTORY OF THE UNITED STATES****REQUIRED – SST****PREREQUISITES:** Pass History 202 (see 202 Prerequisite)**Credits:** 0.5**Grades:** 11, 12**Trimester:** 1

History 203 is a Willamette Promise class which surveys the cultural, economic, social, and political developments of the United States from 1900 to the present. To obtain college credit for this class, students are required to pay the required fee and cover the cost of the textbook.

\* This course can satisfy 20<sup>th</sup> Century US History A, if taken with History 201 AND 202