



2021 – 2022
COURSE
REGISTRATION

GUIDE



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TITLE IX: SECTION 504:
 North Mason School District No. 403 complies with all federal and state rules and regulations and does not discriminate on the basis of race, color, national origin, sex, age, or handicap. This holds true for all students who are interested in participating in educational programs and/or extra curricular school activities. Inquiries regarding compliance procedures may be directed to the School District's Title IX Officer, Mark Swofford, or Section 504 Coordinator, Thom Worlund.

The North Mason High School
 Course Description Guide is published by:

NORTH MASON HIGH SCHOOL
 150 North Mason School Rd
 Belfair, WA 98528
 Office: 360-277-2303
northmasonschoools.org



WELCOME!

Dear Students, Parents and Guardians:

Welcome to North Mason High School's Course Registration Guide!

This guide is designed to help you select courses and understand NMHS graduation requirements. It outlines core courses in all content areas as well as the many elective courses offered at NMHS.

We sincerely hope that you will take advantage of the educational opportunities and extracurricular activities offered here. Your involvement in classes, athletics, clubs and student organizations will increase your enjoyment of these high school years. Additionally, the academic choices students make during the next few years can have a lasting impact on their careers and personal lives.

We encourage students to make informed and intelligent decisions in collaboration with their parents and guardians. Teachers, school counselors and administrators are also invaluable resources in this process and can help students select challenging courses that are aligned with graduation requirements and career and college goals.

By working together as members of **Team North Mason**, we can and will provide students with a high school experience that is academically challenging, rewarding and relevant to the future.

GO BULLDOGS!

FAMILY ACCESS

Family Access is an easy-to-use on-line resource that allows parents, guardians and students to access important information from any computer with Internet access. To sign up, call Sandy at 360-277-2105. Sandy will ask you some questions to verify your identity, and then mail your confidential user name and password to your student's mailing address on record.

Family Access features include:

- Ability to view records of all students within a single family, even if they attend different North Mason schools.
- Parents and students can be assigned their own separate login information.

Family Access records include:

- Student and emergency contact information
- Assignments and grades
- Attendance
- Class schedules
- Food service accounts

NMHS on the WEB

Visit our NMSD home page at northmasonschoools.org, then click on SCHOOLS and choose North Mason High School.

NMHS website features include:

- Event calendar – Find out about parent forums, athletic schedules concerts and other school activities. You can even sign up to receive emails for cancelled or rescheduled events.
- Athletics – Support the Bulldogs!
- Attendance (for absences, tardies, early dismissals or messages to students)
- Directions (how to find the school)
- Family Access; Guidance Counseling; Library
- Staff Directory
- Student Handbook
- Transportation

CONTACT STAFF via EMAIL

Email most NMSD staff members by using the following formula:

first initial + last name @northmasonschoools.org

Ex: jd@northmasonschoools.org

You may also access staff email addresses at the NMHS website.

SCHOOL NEWS via DAILY EMAIL

Would you like to stay informed about activities, opportunities, sports and daily news at NMHS? All you have to do is visit the Parents & Community Members page on northmasonschoools.org to sign up for NMHS School News via email. After completing the easy registration, you'll begin receiving the daily NMHS Bulldog Bulletin in your in-box.

EMERGENCY SCHOOL CLOSURES

Visit our NMSD home page at northmasonschoools.org and click on "Emergency Information" on the right navigation menu. You can also call the district hotline at 360-277-2390.

NO INTERNET ACCESS? NO PROBLEM

For those parents without Internet access, we are still happy to assist you in person or by phone. Please feel free to call our NMHS office at 360-277-2303 or our Guidance office at 360-277-2191.

HELPFUL PHONE NUMBERS

NMHS MAIN OFFICE 277-2303
ATTENDANCE LINE 277-2218
DISTRICT OFFICE 277-2300
FOOD SERVICE 277-2121
TRANSPORTATION/BUSES 277-2301
Principal Chad Collins 277-2169
ccollins@northmasonschoools.org
Athletic Director
Alexia Hadfield 277-2299
ahadfield@northmasonschoools.org
Asst. Principal Steve Hackett 277-2171
shackett@northmasonschoools.org

COUNSELING OFFICE 277-2191
COUNSELORS
For students with last names A – K:
Kim Walters 277-2185
kwalters@northmasonschoools.org
For students with last names L – Z:
Rebecca Roberts 277-2188
rroberts@northmasonschoools.org
Career & Technical Education Director
Anne Crosby 277-2393
acrosby@northmasonschoools.org
College & Career Counselor
Dr. Thomas Mosby 277-2211
tmosby@northmasonschoools.org

DUAL ENROLLMENT/CREDIT

Programs in Washington State

PROGRAM	DESCRIPTION	ADVANTAGE	STUDENT RESPONSIBILITIES	TUITION /FEES	COURSES AVAILABLE
TECH PREP	A program enabling students to remain in high school and begin a vocational/technical program that earns college credit and leads to a 2-year degree or certificate.	<ul style="list-style-type: none"> • Remain in high school • Prepare for vocational/technical career • Earn both high school & college credit 	<ul style="list-style-type: none"> • Enroll in Tech Prep designated classes at the high school • Register online • Earn a “B” or better in the course 	NONE	See your college and career counselor for details.
RUNNING START	A program that allows qualified high school juniors and seniors to attend college classes and earn high school and college credit.	<ul style="list-style-type: none"> • Accelerated class • Earn both high school and college credit 	<ul style="list-style-type: none"> • Determine transferability of Running Start college credits • Ensure credits apply to high school graduation • Must meet applications/registration deadlines. 	Tuition waived, student pays lab fees, textbooks and transportation	See the Olympic College Running Start webpage for details.
ADVANCED PLACEMENT	Identified courses that prepare high school students to take advanced placement and/or credit at the post-secondary level.	<ul style="list-style-type: none"> • Remain in high school • Accelerated class • Earn both high school & college credit • AP and/or college credit granted based on successful AP test scores 	<ul style="list-style-type: none"> • Apply for testing • Meet high academic standards 	AP Test Fee	See your school counselor for details.

GRADUATION REQUIREMENTS

SUBJECT	REQUIREMENTS CLASS OF 2022 & BEYOND
<i>ENGLISH</i>	4
<i>MATHEMATICS</i>	3
<i>SCIENCE (w/o LAB)</i>	1
<i>SCIENCE (w/LAB)</i>	2
<i>SOCIAL STUDIES</i>	3
<i>CAREER CHOICES (CTE)</i>	.5
<i>CAREER & TECH ED (CTE)</i>	2
<i>HEALTH</i>	.5
<i>PHYSICAL EDUCATION</i>	1.5
<i>ARTS</i>	2
<i>WORLD LANGUAGE -or-</i>	2*
<i>PERSONALIZED PATHWAY</i>	2*
<i>ELECTIVES</i>	6
**TOTAL CREDITS	27

***FLEXIBLE REQUIREMENTS –**

World Language credit and Personalized Pathway requirement may be substituted with approval according to a Student's High School and Beyond Plan.

NOTE: To earn a NMHS diploma, a student must earn the required number of credits; must meet the state requirements for passing Washington State History and state tests or approved alternatives to those tests.

CROSS-CREDIT OPPORTUNITIES

DEFINITION:

In many cases North Mason High School's curriculum provides for equivalency or cross-crediting. Cross-crediting is a situation where certain elective classes are used to fulfill specific requirements for graduation.

PURPOSE:

The purpose for cross-crediting is to expand a student's choice of required and elective classes. It provides an opportunity to tailor a student's four-year plan to his/her career goals.

NOTE:

Students planning to attend a four-year college after high school should check with the admissions departments of the prospective schools they plan to attend before enrolling in cross-credit classes to fulfill graduation requirements. These courses may not meet college admission requirements. Students are reminded that a number of classes may be taken in place of certain required classes. Listed in the table below are the classes that meet the cross-credit requirements that apply to the graduating **Class of 2022**.

COURSE

CROSS-CREDITS WITH:

Animal Science	Science or Career & Tech Ed
Digital Photography	Fine Arts or Career & Tech Ed
Graphic Design	Fine Arts or Career & Tech Ed
Horticulture	Science or Career & Tech Ed
Financial Math	Math or Career & Tech Ed



NORTH MASON HIGH SCHOOL CAREER CENTER

Thomas Mosby, Ed.D • College & Career Counselor • Room 110
tmosby@northmasonschoos.org • 360.277.2211

Come and see all that we have to offer!

STUDENT SUPPORT SERVICES include:

- ▶ College and Career Readiness and Planning
- ▶ Vocational / Apprenticeship Programs
- ▶ US Military
- ▶ 2-year Technical Programs
- ▶ 4-year Colleges and Universities
- ▶ College Application and Financial Aid Assistance
- ▶ Volunteer Opportunities
- ▶ Work-Based Learning Program
- ▶ Summer Employment Opportunities

CAREER & COLLEGE PREPARATION ACTIVITIES include:

- ▶ College Presentations: Regional and national colleges provide presentations to students about admissions process, including financial aid
- ▶ College Campus Visits: Student field trips to Puget Sound regional college campuses
- ▶ National College Fair: Student field trip to National College Fair in Seattle
- ▶ Regional Career Fair: Student field trips to regional employment hiring fairs at various sites in various industries
- ▶ Industry Site Visits: On-site student field trips to various industries
- ▶ Industry Presentations: On-campus presentations to students from various industry representatives
- ▶ ASVAB Assessment Coordination: On-campus student ASVAB Assessment opportunity twice/year
- ▶ Pre-ACT Assessment Coordination: On-campus 10th grade student Pre-ACT assessment opportunity
- ▶ SAT/ACT Assessment Coordination: On-campus student guidance opportunities for these assessments
- ▶ Work-Based Learning: Student opportunity to earn HS credit for work-based learning participation
- ▶ Internships: On-campus assistance helping students find internships and volunteer opportunities
- ▶ Employment assistance: Assist students in finding part-time or full-time employment while in school and upon graduation
- ▶ High School and Beyond Plans: Assist students with completing High School and Beyond Planning
- ▶ Scholarships Notebooks: Assist students with exploring scholarship opportunities via the creation of their scholarship notebook during their senior year
- ▶ Scholarship Awareness: Assist students with scholarship search and application process
- ▶ Federal Application for Financial Student Aid (FAFSA): Assist students with completing the FAFSA

CAREER PATHWAYS

ARTS & COMMUNICATIONS: CREATORS—Students who prefer dealing with IDEAS and PEOPLE and enjoy EXPRESSING their own feelings and ideas in new and different ways through dance, music, art, design, language, literature, and other creative outlets.

BUSINESS & MARKETING: ORGANIZERS AND PROMOTERS—Students who prefer the operational aspects of business such as working with DATA, TAKING CARE OF DETAILS, keeping things in order, following rules and procedures, and being practical.

ENGINEERING & TECHNOLOGY: DOERS AND PLANNERS—Students who prefer working with THINGS and enjoy ACTION, using tools, machinery and equipment, working with their hands, seeing the results of their work, and often having mechanical, physical, or athletic abilities.

HEALTH & HUMAN SERVICES: HELPERS—Students who enjoy and prefer to work with PEOPLE, helping them with their problems, being of service, and doing things for people to contribute to their health and wellness.

SCIENCE & NATURAL RESOURCES: THINKERS AND INVESTIGATORS—Students who prefer dealing with IDEAS and THINGS and enjoy SOLVING PROBLEMS using their minds; dealing with facts and information, and often having ability in math and science.

High schools in our state are expected to increasingly engage students to connect high school learning to applications in the real world, and require that each student has a plan for the year after graduation. These plans include many options:

- Community College • 4-year college • Technical College • Specialty Schools
- Apprenticeships • On-the-Job Training • Military

To assist students to be engaged in their educational planning the following have been implemented as part of the high school graduation requirements.

- A Plan (High School and Beyond Plan)
- Pathway focus

Parental support is important. Students who have parents/guardians who are actively involved in their academic careers and planning for the future have a better chance for success during high school and with their post-high school plans.

Plan Portfolio

All students will have a “High School and Beyond” plan for their four years of high school and for the year after high school. The plan offers the flexibility to explore areas of interest, but with a future goal in mind. It should help students understand what they are learning, why they are learning, and how can they use this learning in their future. You can further define your High School and Beyond Plan by following a Program of Study and taking specific high school courses which satisfy degree requirements at a college or university. A “High School and Beyond Plan” is a required document in every student’s portfolio.

The portfolio is where students store their High School and Beyond Plan and its supporting documents. Required components include:

- A career goal
- An educational goal
- A four-year course plan for high school
- Identification of required assessments
- A resume and cover letter
- Two letters of recommendation
- Completion of Career Pathway inventory
- Completion of Career Interest Profiler

Pathway

A pathway is a framework for an organized sequence of classes, experiences, and community-based activities, supporting students in career exploration and educational preparation. The pathway provides a framework for selecting classes related to their post-high school plans. These plans within a pathway are flexible and may change as students progress through their high school experience, but students should consult their counselors to ensure they are on track to meet any desired college entrance requirements.

CAREER PATHWAYS

NOTE:
HIGHLIGHTED CLUSTERS ARE OFFERED AT NMHS.

Engineering, Manufacturing & Industrial Technology

- Engineering, Design, Development
- Automotive Technology
- **MANUFACTURING**
- Architecture & Construction
- Computer Science

Arts & Communications

- **VISUAL ARTS**
- Television & Video Production
- Publishing
- Studio 2D & 3D Art
- Commercial Photography & Visual Communications

21ST CENTURY SKILLS *

Creativity & Information
 Critical Thinking & Problem Solving
 Information, Communication, Technology
 Social & Cross Cultural Skills • Communication & Collaboration • Information & Literacy
 Media Literacy • Productivity & Accountability
 Leadership & Responsibility • Flexibility & Adaptability • Initiative & Self-Direction

Business & Marketing

- Finance & Accounting
- Business, Marketing & Entrepreneurship
- Economics
- Business Technology

Human Services

- Education & Training
- Government, Law Enforcement Services, Military
- Human Development & Personal Care Services
- Culinary Arts & Food Careers
- Sign Language Interpretation

Health & Agricultural Sciences

- Medical & Health Careers
- Nutrition & Wellness
- Family Health & Psychology
- Horticulture & Animal Sciences



*The term 21st century skills refers to a broad set of knowledge, skills, work habits, and character traits that are believed – by educators, employers and others – to be critically important to success in today's world, particularly in careers and workplaces.

CTE - ENGINEERING & TECHNOLOGY

Engineering, Manufacturing & Industrial Technology

Courses offered at North Mason High School:

Engineering	Construction & Woodworking
Gateway to Gechnology - MS Science	Introduction to Woodworking
Automotion & Robotics - MS	Woodworking II
Pre-Engineering - MS	Advanced Woodworking
Science of Technology	
Introduction to Engineer Design	
Principals of Engineering	

Post-Secondary Programs & Degrees

TECHNICAL PROGRAMS:

Architectural Engineering/Drafting: Clover Park, Green River, Lake Washington, Olympic; **Biomedical Tech:** Bates, Olympic; **Drafting/Design CAD/CADD:** Green River, Highline, Lake Washington, Olympic, Renton, South Seattle; **Civil Engineering Tech/Civil Drafting:** Bates, Renton; **Composites:** Clover Park, Olympic; **Computer Tech:** Bates, Olympic, Pierce; **Electronic Engineering Tech:** Clover Park, Olympic; **Mechanical Tech/Drafting:** Bates, Clover Park, Green River, Lake Washington, South Seattle; **Occupational Safety:** Pierce; **Industrial, Construction & Manufacturing Programs:** Bates, Clover Park, Green River, Lake Washington, Olympic, Pierce, Renton, Seattle Central, South Seattle; **Mechanics Programs:** Bates, Clover Park, Green River, Lake Washington, Renton South Seattle; **Information Technology Programs:** Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Olympic, Renton, Seattle Central, South Seattle, Tacoma

UNIVERSITY PROGRAMS:

Engineering: EWU, CWU, WSU, UW; **Machinery & Manufacturing Engineering Technology:** EWU, CWU, UW, WSU; **Construction:** EWU–Technology Construction, CWU–General Construction Mgmt & Heavy Civil Construction Mgmt, WSU–Construction Mgmt., WWU–Industrial Technology

Additional programs may be available, please check individual colleges for more information.



CAREERS:

Aircraft Mechanics	Design Engineers
Airplane Assemblers	Drafter
Airplane Pilots	Drywall Installer
Architect	Electrical Engineering
Automobile Mechanics	Electricians
Cabinet Makers	Electronic Engineer
CAD Designer	Engineer
Carpenters	Environmental Fire
Civil Engineer	Inspectors
Computer Equipment	Game Designer
Repair	General Contractor
Computer Network & Data	Industrial Engineer
Computer Programmers	Machinists
Computer Support	Mechanical Engineer
Specialists	Military Officer
Computer Systems	Plumber
Analysts	Sheet Metal Worker
Construction Foreman	Systems Administrator
Construction & Building	Welding Technician
Inspectors	Welding Technician
Database Administrators	

CTE - ARTS & COMMUNICATION

Arts & Communications

Courses offered at North Mason High School:

Visual Arts	Photography
Graphic Design	Digital Photography
Introduction to Ceramics	
Ceramics - Handbuilding	
Ceramics - Wheel Throwing	
Ceramics - Professional/Independent Artist	



CAREERS:

Animator	Graphic Designer
Art Director	Illustrator Interior
Art Therapist	Designer Painting
Artist	Potter
Artistic Director	Prop Crafts Artisan
Audio Systems Technician	Sculptor
Audio-Visual Designer & Engineer	Set Designer
Audio-Visual Specialist	Sign Painter
Broadcast Technicians	Tattoo Artist
Camera Operators	Technical Computer Support
Cartoonists	Video Systems Technicians
Cinematographer	Videographer & Special Effects
Computer Animation	
Fashion Designer	
Film Making	

Post-Secondary Programs & Degrees

TECHNICAL PROGRAMS:

Arts-Assoc. Degree: Olympic; **Media, Communications & Design:** Bates, Bellevue, Clover Park, Highline, Lake Washington, Olympic, Seattle Central, Pierce; **Computer Graphics:** Bellevue, Lake Washington, Pierce; **Fashion Marketing:** Olympic; **Photographic & Film/Video:** Olympic, Bellevue; **Animation:** Lake Washington; **Commercial Photography/Commercial Advertising/Art:** Seattle Central; **Radio/Television Broadcasting Tech:** Bates

UNIVERSITY PROGRAMS:

Applied Design & Interior Design: Bellevue, Lake Washington; **Journalism, Visual Communications, Design:** EWU, CWU, UW, WSU

Additional programs may be available, please check individual colleges for more information.

CTE - HUMAN SERVICES

Human Services

Courses offered at North Mason High School:

Consumer & Family Resources
Financial Math
Intro to Culinary Arts

Post-Secondary Programs & Degrees

TECHNICAL PROGRAMS in EDUCATION & HUMAN SERVICES:

Early Childhood Ed & Teaching: Bates, Bellevue, Clover Park, Green River, Highline, Olympic, Pierce, Renton, Seattle Central; **Prof-Tech Teaching:** Bates, Lake Washington, Olympic; **Teacher Aide:** Bates, Clover Park, Green River, Pierce, Tacoma; **Sign Language Interpretation:** Olympic, Seattle Central; **Human Services:** Olympic

TECHNICAL PROGRAM in CHEMICAL DEPENDENCY:

Olympic

TECHNICAL PROGRAMS in CULINARY ARTS, HOSPITALITY & FASHION:

Baking & Pastry Arts: Lake Washington, Olympic, Renton, Seattle Central; **Culinary Arts/Chef Training:** Bates, Clover Park, Lake Washington, Olympic, Renton, Seattle Central, South Seattle; **Fashion:** Olympic

U. S. MILITARY SERVICE:

Air Force, Army Marines, Navy, Coast Guard

UNIVERSITY PROGRAMS:

CWU: Psychology, Sociology, Family & Consumer Sciences, Education, Nutrition, Exercise, Health Science; **UW:** Education, Psychology, Social Sciences Sociology; **WWU:** Education, Psychology; **EWU:** Education, Psychology; **WSU:** Hospitality Business Administration, Education; **Officer Training:** US Armed Forces

Additional programs may be available, please check individual colleges for more information.



CAREERS:

- Air Traffic Controller
- Baker
- Caterer
- Chef
- Child Care Worker
- Clergy
- College Professor
- Correctional Officer
- Counselor
- Customs Agent
- Detective
- Educational Administrator
- Employment Interviewer
- Executive Chef
- Facilities Management
- FBI Agent
- Government Executive &
- Legislative
- Librarian
- Library Technician
- Military Officer
- Military Service Pilot
- Resort Manager
- Sign Language Interpreter
- Social Worker
- Teacher

CTE - HEALTH & AGRICULTURAL SCIENCES

Health & Agricultural Sciences

Courses offered at North Mason High School:

Health Education & Health Sciences	Agricultural Sciences
Health	Horticulture
Biomedical Science	Animal Science
Human Body Systems	Veterinary Science
Medical Detectives - MS	



CAREERS:

- | | |
|-------------------------------------|----------------------------|
| Agricultural & Food Scientist | Fish & Game Officer |
| Agricultural Educator | Florist |
| Anesthesiologist | Forestry Technician |
| Animal Control Officer | Health Care Administration |
| Animal Husbandry | Home Health Aide |
| Arborist | Landscape Designer |
| Athletic Trainer | Massage Therapist |
| Biochemist | Medical Transcriptionist |
| Bio-Tech Lab Technician | Nurse Practitioner |
| Certified Nursing Assistant | Optometrist |
| Chiropractor | Pharmacist |
| Clinical Medical Assistant | Pharmacy Technician |
| Conversation Scientists & Foresters | Physical Therapist Asst. |
| Dental Assistant | Physician |
| Dental Hygienist | Psychologist |
| Dentist Dietician | Registered Nurse |
| Ecologist | Speech Pathologist |
| EMT/Paramedic | Sports Trainer |
| | Surgeon |
| | Surgical Technician |
| | Ultrasound Technician |

Post-Secondary Programs & Degrees

MEDICAL / HEALTH-RELATED TECHNICAL PROGRAMS:

Biological Lab Tech: Bates; **Dental Assistant:** Bates, Clover Park, Renton; **Dental Lab Tech:** Bates; **Ultrasound Tech:** Bellevue, Tacoma; **Emergency Med Tech:** Tacoma; **Medical Records:** Highline, Olympic, Tacoma; **Ward Clerk:** Bellevue, Clover Park; **Hemodialysis:** Clover Park; **Central Service Tech:** Clover Park; **Medical Insurance Coding:** Bates, Highline, Olympic, Tacoma; **Radiologic Tech:** Bellevue, Tacoma; **Medical Transcription:** Bates, Highline, Tacoma; **Medical Asst:** Bellevue, Clover Park, Highline, Olympic; **Nursing Asst:** Clover Park, Green River, Olympic, Tacoma; **Nursing-Associate Degree:** Bellevue, Clover Park, Highline, Olympic, Renton, Tacoma, South Seattle; **Nursing Practical:** Bates, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, South Seattle; **Optician:** Seattle Central; **Optometric Tech:** Renton; **Sign Language Interpreter:** Olympic, Seattle Central; **Respiratory Therapy:** Highline, Seattle Central, Tacoma; **Substance Abuse Counseling:** Bellevue, Clover Park, Seattle Central, Highline; **Surgical Tech:** Clover Park, Seattle Central; **Veterinarian Asst:** Pierce; **Forensic Tech:** Green River

AGRICULTURE / NATURAL RESOURCES RELATED TECHNICAL PROGRAMS:

Horticulture: Lake Washington, South Seattle; **Landscaping:** Clover Park; **Viticulture/Fermentation:** Lake Washington, South Seattle; **Urban Agriculture:** Highline; **Welding:** Olympic

UNIVERSITY PROGRAMS:

Nursing: UW, EWU, WSU; **Medicine:** UW; **Veterinary Science:** WSU; **Agriculture Sciences:** CWU, WSU, UW; **Dietician:** CWU; **Athletic Training:** EWU, Whitworth, WSU; **Pharmaceutical Sciences:** WSU, UW; **Physical Therapy:** EWU; **Zoology:** UW, WWU, WSU; **Biotechnology:** UW

Additional programs may be available, please check individual colleges for more information.

CTE - BUSINESS & MARKETING

Business & Marketing

Courses offered at North Mason High School:

Business Technology	Marketing
Computer Science - MS	Introduction to Marketing
	Advanced Marketing
	Store Operations
	Sports & Entertainment

Post-Secondary Programs & Degrees

TECHNICAL PROGRAMS:

Accounting: Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Olympic, Pierce, Renton, South Seattle, Tacoma; **Banking & Support Services:** Clover Park, Olympic, Renton; **Business Adm. Mgmt.:** Bates, Bellevue, Highline, Olympic, Pierce, Renton, Tacoma; **Computer Info Systems:** Olympic; **Human Resource Mgmt.:** Bellevue, Pierce, Tacoma; **Information Technology Programs:** Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Olympic, Renton, Seattle Central, South Seattle, Tacoma; **Marketing Mgmt.:** Bates, Bellevue, Clover Park, Green River, Highline, Pierce; **Retail Mgmt.:** Bellevue, Clover Park, Highline, Olympic; **Office Mgmt.:** Bellevue, Clover Park, Olympic, Pierce, Renton, Seattle Central, South Seattle; **Web:** Bates, Bellevue, Highline, Olympic, Pierce, Renton, Tacoma

UNIVERSITY PROGRAMS:

Business Administration: EWU, CWU, WSU, UW, WWU;
Information Technology / Design Tech: EWU;
IT & Information Mgmt.: CWU;
Digital Technology: WSU;
Information Systems & Operations Mgmt.: UW

Additional programs may be available, please check individual colleges for more information.



CAREERS:

- | | |
|-------------------------|------------------------|
| Aircraft Mechanics | Design Engineers |
| Airplane Assemblers | Drafter |
| Airplane Pilots | Drywall Installer |
| Architect | Electrical Engineering |
| Automobile Mechanics | Electricians |
| Cabinet Makers | Electronic Engineer |
| CAD Designer | Engineer |
| Carpenters | Environmental Fire |
| Civil Engineer | Inspectors |
| Computer Equipment | Game Designer |
| Repair | General Contractor |
| Computer Network & Data | Industrial Engineer |
| Computer Programmers | Machinists |
| Computer Support | Mechanical Engineer |
| Specialists | Military Officer |
| Computer Systems | Plumber |
| Analysts | Sheet Metal Worker |
| Construction Foreman | Systems Administrator |
| Construction & Building | Welding Technician |
| Inspectors | |
| Database Administrators | |

NMHS COURSE DESCRIPTIONS

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

CAREER & TECHNICAL EDUCATION (CTE)

Career and Technical Education (CTE) is a program that offers the students of North Mason an opportunity to develop their skills in specific industries. Students are able to learn using "hands-on" activities with their computers, automobiles, environmental science, carpentry, digital video production, technical theater, family and consumer sciences and marketing. The skills acquired in CTE courses help students get better and higher paying jobs both after high school and college. It is proven that self-confidence, self-awareness, good work habits, problem solving, punctuality and teamwork skills are outcomes of CTE programs.

CTE – PLANTS / ANIMALS / BUSINESS

HORTICULTURE

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE or Science credit

Horticulture is a combination of classroom-based and hands-on laboratory exploration in basic botany. Students will study small-scale food and ornamental plant production, world agriculture, implications of farming (both conventional and organic) and greenhouse management. Related career opportunities will be explored. Student may participate in field trips to farms and nurseries, propagate and grow a variety of plants and learn successful greenhouse plant culture.

ANIMAL SCIENCE

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 Science or CTE credit

This course focuses on the scientific principles of the breeding and care of agricultural animals, and the production, processing and distribution of agricultural animal products. Includes instruction in the animal sciences, animal husbandry and agricultural food products processing.

VETERINARY SCIENCE – TWO CONSECUTIVE TRIMESTERS

- ▶ **PREREQUISITE:** Animal Science
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** 1.0 Science or CTE credit

Veterinary Science is a course designed for students interested in the animal industry and pursuing a career in the veterinary and animal science field. This course will focus on animal rights and welfare, diseases and parasites, animal handling, identifying a variety of breeds, and veterinary procedures. Students will become familiar with the tools and procedures used in the veterinary field. This course is intended to be a class where students will engage in a variety of activities and work with various animals.

CAREER CHOICES - ELECTIVE FOR CLASSES OF 2021, 2022

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 CTE credit - **Required for Class of 2023 & beyond**

Are you ready for the real world? The average North Mason High School graduate will make seven career changes throughout his/her life. Balancing family, career and community roles is critical to enjoying life. Students will have the opportunity to research career options and plan strategies to meet their personal and career goals through exploring:

- College and technical training opportunities*
- Scholarship and financial aid strategies and essays*
- Career research and expectations*
- Guest speakers share up-to-date workplace insight*
- Resumes, letters of introduction, reflection papers*

WORK-SITE LEARNING / WORK-BASED LEARNING (W2 WORK REQUIRED)

- ▶ **PREREQUISITE:** Career counselor permission
- ▶ **GRADES SERVED:** 10 – 12, at least 16 years of age and legally employed
- ▶ **FULFILLS:** 1.0 Elective (360 hr)

Students who are currently working at a job (after school hours) are potentially able to earn 0.5 credit for every 180 hours worked for a maximum of 1.0 credit per year. Current or past enrollment in a qualifying CTE course is required. No “under the table” or “self-employed” positions allowed; hours worked during the summer cannot be counted toward the credit requirement. See the Career Center staff for information and to enroll.

INTRODUCTION TO CERAMICS

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE or Fine Arts credit
- ▶ **CLASS FEE:** \$25

This class is an introduction to the various construction techniques of clay with emphasis on the fundamentals of hand-building using coil, slab and pinch techniques. Introduction to basic sculpture will also be included. Techniques in decorating and glazing will be explored. Many techniques and products will be related to historic periods, as well as various cultural settings.

CERAMICS – HAND BUILDING

- ▶ **PREREQUISITE:** Introduction to Ceramics
- ▶ **GRADES SERVED:** 9 – 12 **FULFILLS:** .5 CTE or Fine Arts credit
- ▶ **CLASS FEE:** \$25

Students will explore their artistic creativity enhancing skills in hand building and sculpture. This course provides students with an opportunity to develop more specific directions within ceramic production. Glaze chemistry, decorating techniques, properties of clay and the firing of kilns will be studied.

CERAMICS – WHEEL THROWING

- ▶ **PREREQUISITE:** Introduction to Ceramics
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE or Fine Arts credit
- ▶ **CLASS FEE:** \$25

Students will explore their artistic creativity and enhance skills working on the potter's wheel. This course provides students with an opportunity to develop more specific directions within ceramic production. Glaze chemistry, decorating techniques, properties of clay and the firing of kilns will be studied.

CERAMICS - PROFESSIONAL/INDEPENDENT ARTIST

- ▶ **PREREQUISITE:** Ceramics – Hand Building or Wheel Throwing
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE or Fine Arts credit
- ▶ **CLASS FEE:** \$25

This class provides students with advanced individual work in ceramics with an emphasis on perfecting techniques, a variety of processes and the history of ceramics. This class will focus on philosophy of art and what it means to be an artist. Professionalism in art and portfolio building will also be studied. At least two hours a week outside of class will be spent working on ceramic assignments.

INTRODUCTION TO WOODWORKING

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE
- ▶ **CLASS FEE:** \$28

This class will develop an understanding of the materials, processes and products of the woodworking industries. Students will develop basic skills and techniques needed to construct projects of their own selection following a basic introduction to woodworking, including the care and operation of hand and power tools with a major emphasis on shop safety. Other areas of concentration will include project design and selection of materials, basic wood joints, basic wood finishing techniques, estimation of project costs and development of a plan of procedure. This course is a prerequisite to all other courses in woodworking.

WOODWORKING II

- ▶ **PREREQUISITE:** Introduction to Woodworking
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE
- ▶ **CLASS FEE:** \$28

This class is a continuation of the Introduction to Woodworking. Students will learn the basics needed to plan, build and finish cabinets and other handcrafted wooden products. Students will work through a series of projects, as well as written assignments. This class is for those who enjoy working with wood or who may want a career building wood products.

ADVANCED WOODWORKING

- ▶ **PREREQUISITE:** Introduction to Woodworking and Woodworking II
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 CTE
- ▶ **CLASS FEE:** \$28

This course is designed to give the student who has completed the Introduction and Woodworking II classes the opportunity to work in-depth in areas of his/her choosing. Students will construct projects of advanced designs. Instruction will include complex wood joints, lamination, spray finishes, production wood fasteners, hardware and related innovations in wood technology.

INTRODUCTION TO ENGINEERING DESIGN

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** 1.0 CTE or Elective credit (2 trimester course)

From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality. Engineering empowers you to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product.

PRINCIPALS OF ENGINEERING (POE)

- ▶ **PREREQUISITE:** Successful completion of Introduction to Engineering Design
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** 1.0 CTE or Elective credit (2 trimester course)

Principles Of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem based (APPB) learning. As you master the basic concepts needed to continue your education in engineering or engineering technology, you'll apply them — tackling real world challenges, i.e. energy sources and applications, building robotic machine systems, fluid power, testing the strength and durability of materials, understanding how things move and applying that knowledge to projects.

INTRODUCTION TO MARKETING – TECH PREP / OC COLLEGE CREDIT

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE credit

Students will learn entry-level business and marketing concepts, including marketing and business fundamentals, selling, product-service planning, information management, distribution, pricing, promotion, risk management, career development, human relations, marketing math and marketing operations. Students taking Marketing will have the opportunity to participate in DECA (student marketing leadership organization).

ADVANCED MARKETING

- ▶ **PREREQUISITE:** Introduction to Marketing
- ▶ **GRADES SERVED:** 10 – 12, 9 with instructor permission and/or counselor referral
- ▶ **FULFILLS:** .5 CTE credit or Career Choices requirement

Students will explore several careers in marketing and business and develop an understanding of the following career pathways: Sports and Entertainment Marketing, Travel and Tourism, Hospitality Services Marketing, Retail Merchandising, Apparel and Accessories Marketing, Food Marketing, Entrepreneurship and Restaurant Management. Students taking Advanced Marketing will have the opportunity to participate in DECA (student marketing leadership organization).

SPORTS & ENTERTAINMENT MARKETING

- ▶ **PREREQUISITE:** Introduction to Marketing
- ▶ **GRADES SERVED:** 10 – 12, 9 with instructor permission and/or counselor referral
- ▶ **FULFILLS:** .5 CTE credit

This course will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and entertainment, including basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and implementation of sports marketing plans. This course will also delve into promotion plans, sponsorship proposals, sports marketing plans, and event evaluation and management techniques. Students will have the opportunity to participate in DECA (student marketing leadership organization).

STORE OPERATIONS

- ▶ **PREREQUISITE:** Introduction to Marketing and instructor permission
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 CTE credit

This is a hands-on class, where students gain and utilize skills to operate and manage a small retail business, the NMHS student store, aka *The Dawg Pound*. Students develop transferable skills, including analyzing and selecting products, ordering merchandise, scheduling, constructing displays, inventory, balancing a cash drawer at the end of a sales shift, developing store promotions and exploring store layout considerations. Students taking Store Operations will have the opportunity to participate in DECA (student marketing leadership organization). DECA-related activities and curriculum can be used as an approved part of all marketing classes.

FINANCIAL MATH

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.0 Math or CTE credit or 3rd Math credit

Chances are, you are concerned about money. This class will give you practical tips to plan for your financial future. Having strong money skills will help you set and meet major goals, such as buying a car or house and paying for your education. Also, learning how to use your money wisely will allow you to plan vacations, manage tough financial times and provide a comfortable life for yourself and your family. These skills can mean the difference between worrying about bills and knowing you've got money in the bank.

DIGITAL PHOTOGRAPHY

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE or Fine Arts credit

This class introduces students to digital photography techniques, basic camera functions and the use of Adobe Photoshop & Lightroom. You will learn how to use a DSLR camera to take GREAT pictures. We will learn about photo history, digital work flow strategies and photo hot topics through the development of specific course projects.

GRAPHIC DESIGN

- ▶ **PREREQUISITE:** Microsoft Office Applications
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 CTE or Fine Arts credit

Graphic Design is a trimester long, project-based class where you will develop skills in graphic design, print production and interactive design using various software tools. This course will introduce the role graphic design plays in the world. The class structure is primarily studio-oriented and project-based. Each project adds more challenging skills to foundation abilities. You will explore graphic design, photography, print and layout design, interactive design and production.

ELECTIVES

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

LEADERSHIP

.5 CREDIT - CAN BE REPEATED

- ▶ **PREREQUISITE:** Elected Associated Student Body (ASB) and Class Officers or instructor approval
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Elective credit

ASB is the student government class. Students facilitate decisions about ASB matters according to the ASB constitution. Students design, set up for and operate pep assemblies and other student activities, while also assisting staff as needed.

OFFICE/SECRETARY ASSISTANT

- ▶ **PREREQUISITE:** 3.0 GPA and approval by NMHS staff secretaries. Applications available in Counseling office.
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** .5 Elective credit, Graded A–F

Students who are self-motivated, mature and can maintain confidentiality, who demonstrate initiative and have regular attendance, will be considered for an office assistant position on campus.

TEACHER ASSISTANT

- ▶ **PREREQUISITE:** Office approval. Applications available in Counseling office.
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** .5 Elective credit

Students who are self-motivated, mature and can maintain confidentiality, who demonstrate initiative and have regular attendance, will be considered for a teacher assistant position on campus.

- *LIBRARY* – Prerequisite 3.0 GPA, and/or approval by Librarian, Graded Pass/Fail
- *PHYSICAL EDUCATION* – Prerequisite 2.0 GPA, approval by instructor, Graded Pass/Fail
- *TEACHER* – Prerequisite 2.0 GPA, approval by instructor, Graded Pass/Fail

YEARBOOK

1.5 CREDITS - CAN BE REPEATED

- ▶ **PREREQUISITE:** Teacher approval
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** 1.5 Elective credits

Do you want to make history? Join the Siskan Yearbook staff and you'll do exactly that. Students are invited to complete an application, submit a resume, a writing sample and one teacher letter of recommendation to be considered for this demanding, satisfying, skill-building, creative and FUN class. Computer experience and excellent attendance is a must. You will learn page design, copy writing and photography. The class is run like a business and requires time and dedication both in and out of the classroom.

ENGLISH

MINIMUM 4 CREDITS REQUIRED TO GRADUATE

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

All students must earn a minimum of 4 credits (8 trimesters) for graduation. In addition, some specified English courses per grade level are required as follows:

- **FRESHMEN** are required to pass either **English 9 or AP Prep English 9**.
- **SOPHOMORES** are required to pass either **English 10 or AP Prep English 10**.
- **JUNIORS** are required to pass either **English 11 or at least two of the three trimesters of Advanced Placement English Language & Composition or Literature & Composition which rotate every other year**.

Aside from fulfilling these requirements, students are encouraged to take as many additional English electives as they wish, with a minimum of 2 additional trimesters of English required for graduation. English courses for 2021-2022 are as follows:

CORE CLASSES

- English 9
- AP Prep English 9
- English 10
- AP Prep English 10
- English 11

ENGLISH ELECTIVES

- Bridge to College English / Language Arts
- Creative Writing
- Debate – Analysis & Composition
- AP English Language & Composition (2021-22)
- AP English Literature & Composition (2022-23)

ENGLISH

ENGLISH 9

- ▶ **RECOMMENDED PRIOR COURSE:** none
- ▶ **GRADES SERVED:** 9
- ▶ **FULFILLS:** 1.0 English credit

This required course focuses on the study of composition, grammar and mechanics. Students will study the writing process and explore different styles of writing. Various literary forms will also be explored. This course is the foundation for communication and analysis in writing for use in other high school courses and life in general.

AP PREP ENGLISH 9

- ▶ **RECOMMENDED PRIOR COURSE:** None
- ▶ **GRADES SERVED:** 9
- ▶ **FULFILLS:** 1.0 English credit

This course is designed to meet the needs of those students with already advanced English skills AND students with the desire to advance their English skills. The curriculum will focus on the basic analytical reading and composition skills utilized in both AP English Language & Composition and AP English Literature & Composition, with the goal of easing the transition from our standard curricular English courses. Skill building will be comprehensive and sequential.

ENGLISH 10

- ▶ **RECOMMENDED PRIOR COURSE:** English 9
- ▶ **GRADES SERVED:** 10
- ▶ **FULFILLS:** 1.0 English credit

This course provides a survey of literature, including short stories, poetry and novels from influential world writers. We focus on foundational skills in literary analysis, argument writing, expository writing and informal discussion. Due to increased rigor embodied in this course, skill building will be comprehensive and sequential.

AP PREP ENGLISH 10

- ▶ **RECOMMENDED PRIOR COURSE:** English 9 or AP Prep English 9
- ▶ **GRADES SERVED:** 10 – 11
- ▶ **FULFILLS:** 1.0 English credit

This course provides a survey of world literature, including short stories, poetry and novels from such influential world writers. We focus on foundational skills in literary and rhetorical analysis, timed writing and Socratic discussion. We also focus on analysis and discussion of longer pieces of fiction and nonfiction. Equal attention will be placed on higher-level vocabulary, grammar and syntax concepts and self-directed reading. The two trimesters needed to master this curriculum prepares students for enrollment in AP English or Running Start as a junior or senior.

ENGLISH 11

- ▶ **RECOMMENDED PRIOR COURSES:** English 9 & 10
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.0 English credit

This course advances the analytical reading and composition skills required to meet the rigor embodied in the Common Core State Standards, with particular emphasis on selections from American Literature. Selections studied range from early American literature, including colonial and revolutionary writing, through Romantic and Realist literature, and up to modern authors such as Whitman, Poe, Irving and Dickinson. Student work consists mainly of in-class reading and discussion, some outside reading and lots of in-and out-of-class writing. Due to the increased rigor embodied in the Common Core State Standards, skill building will be comprehensive and sequential.

AP LANGUAGE & COMPOSITION – THREE CONSECUTIVE TRIMESTERS

(OFFERED 2021–2022)

- ▶ **RECOMMENDED PRIOR COURSE:** AP Prep English 10
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.5 English credits

This course focuses on close reading and analysis of a wide range of literature, including drama, poetry, short stories, and novels from a variety of time periods. Students will learn advanced techniques for thinking and talking about what they read. In addition to written analysis of selected works, assignments will include creative assignments designed to enhance students' understanding of the workings of literature from the inside out. The course will prepare students for the AP test in May.

AP LITERATURE & COMPOSITION – THREE CONSECUTIVE TRIMESTERS

(OFFERED 2022–2023)

- ▶ **RECOMMENDED PRIOR COURSE:** AP Prep English 10
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.5 English credits

This course focuses on close reading and written analysis of a wide range of literature, including drama, poetry, short stories, and novels from a variety of time periods. Students will learn advanced techniques for thinking and writing about what they read. In addition to written analysis of selected works, assignments will include creative assignments designed to enhance students' understanding of the workings of literature from the inside out. The course will prepare students for the AP test in May.

BRIDGE TO COLLEGE ENGLISH LANGUAGE ARTS

- ▶ **RECOMMENDED PRIOR COURSE:** English 9 – 10 – 11
- ▶ **GRADES SERVED:** 12
- ▶ **FULFILLS:** 1.0 English credit

The course curriculum emphasizes focused reading, writing, speaking and listening, and research work based on Washington State's K-12 Learning Standards for English Language Arts (the Common Core State Standards, CCSS-ELA). This course will develop students' college and career readiness by building skills in critical reading, academic writing, speaking and listening, research and inquiry, and language use as defined by the CCSS-ELA for high school. Students will engage with rigorous texts and activities that support the standards' additional goals of developing the capacities of literacy, including deepening appreciation of other cultures, valuing evidence and responding to varying tasks across content areas, and navigating technology to support their work. Students will learn to evaluate the credibility of information, critique others' opinions, and construct their own opinions based on evidence. By the end of the course, students will be able to use strategies for critical reading, argumentative writing and independent thinking while reading unfamiliar texts and responding to them in discussion and writing. The course will also develop essential habits of mind necessary for student success in college, including independence, productive persistence and metacognition. This course is designed for seniors who score a "Level 2" on the Smarter Balanced 11th grade assessment and/or who seek to strengthen their literacy skills to successfully engage in college-level coursework.

CREATIVE WRITING

- ▶ **RECOMMENDED PRIOR COURSE:** English 9
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** 1.5 English credit

This course is designed to help students improve their writing. Students will read a variety of texts including short stories, poems, essays, articles and novels. Students will be required to write their own flash fiction, poetry and short stories, historical fiction, creative nonfiction and a novella, using literary strategies learned throughout the class.

DEBATE – ANALYSIS & COMPOSITION

- ▶ **RECOMMENDED PRIOR COURSE:** English 9
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 English or Social Studies credit

This is an advanced English course where students learn the art of persuasion and argumentation. Work will consist of critical research, writing and performance in a competitive debate setting. Students will learn to debate in Standard Debate Format, complete an MLA persuasive research paper and compose several reflective essays. Debate Analysis is intended for college-bound students and those who wish to further develop their critical written and speaking skills for life in our vibrant democracy.

FINE ARTS

MINIMUM 2 CREDITS REQUIRED TO GRADUATE

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

ARTS FOUNDATIONS

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts credit
- ▶ **CLASS FEE:** \$10

This is an introductory course that emphasizes the elements of composition, principles of design, basic drawing concepts and some Art History. Sketchbooks will be graded by rubric.

ART, DRAWING & PAINTING

- ▶ **PREREQUISITE:** Art Foundations
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts credit
- ▶ **CLASS FEE:** \$15

Students will learn how to use a variety of media aimed at improving their drawing and painting skills. Drawing projects will include works using graphite, charcoal, pastel and pen. Painting projects will include using watercolors and acrylics. This class will emphasize areas of individual interest and classroom assignments. Sketchbooks will be graded by rubric.

ART TECHNIQUES - CREATIVE

- ▶ **PREREQUISITE:** Art Foundations
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts credit
- ▶ **CLASS FEE:** \$15

This is an advanced study class for accomplished art students who have proven their ability to work with an attitude to do their best. Students will pursue areas of individual interest, as well as focus on portfolio development. Sketchbooks will be graded by rubric.

ART, MIXED MATERIALS

- ▶ **PREREQUISITE:** Art Foundations
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts credit
- ▶ **CLASS FEE:** \$15

This class will concentrate on a variety of projects using a combination of mixed media to create both two- and three-dimensional artwork. Students will be encouraged to explore various techniques and develop problem solving skills.

CHOIR

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.5 Fine Arts credits

This ensemble is open to all students with or without experience with a focus on developing individual vocal technique, listening and working together, and creating a characteristic ensemble sound. Students learn how to listen to each other and work as a team, while learning about individual and group vocal technique as well as exploring many different genres of music including classical, folk, spirituals, a capella, and popular arrangements. Since music is a performing art, students are required to attend and participate in all concerts that are assigned at the beginning of the year unless the director has been informed and has excused the individual from these commitments.

BAND, CONCERT

- ▶ **PREREQUISITE:** Instructor approval, MS Band
- ▶ **GRADES SERVED:** 9th or beginner
- ▶ **FULFILLS:** 1.5 Fine Arts credits

This performance-based course is offered to 9th grade music students who have previously played an instrument in a middle school ensemble or with the consent of the director. This ensemble will focus on fundamentals of playing, building a group sound, listening and learning from each other, developing individual practice habits, and rehearsing and performing many different types of music throughout the year. Performance opportunities include seasonal concerts, marching band shows, small group ensembles, pep band games, and parades. Music is a performing art therefore it is a requirement to perform at each concert assigned at the beginning of the year, unless the director has been informed or has excused the individual from upcoming commitments.

BAND, SYMPHONIC

- ▶ **PREREQUISITE:** Instructor approval, Concert Band
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** 1.5 Fine Arts credits

The advanced Symphonic Band is an audition only group which is open to all students who have previously played an instrument in the Concert Band or by consent of the director. Students audition at the end of the spring term of the previous school year. This group focuses on building their leadership and independent musicianship skills, working together, expanding their knowledge of different styles of concert music. Performance opportunities include seasonal concerts, marching band shows, small group ensembles, pep band games, and parades. Students are expected to come prepared with their part learned so that they may reach the next level of musicianship in this ensemble. Concert attendance and participation is required unless the director has been informed or has excused the individual from these commitments.

BAND, PERCUSSION ENSEMBLE

- ▶ **PREREQUISITE:** Instructor approval
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.5 Fine Arts credits

This class is open to all students who want to either excel at their primary percussion instrument or learn a new percussion instrument. Students will perform and practice in large and small ensembles and will have multiple performance opportunities. This group serves as percussion for the marching band. Students will also learn to write and count complex rhythms that will help them in their development as individual percussionists and as band members. Those percussionists who have been enrolled in band will still participate in all performance activities related to the band including seasonal concerts and assemblies. Since music is a performing art, students are required to attend and participate in all concerts that are assigned at the beginning of the year unless the director has been informed and has excused the individual from these commitments.

STRING ORCHESTRA

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.5 Fine Arts credits

String Orchestra is for beginning, intermediate and advanced musicians. All standard string instruments will be included in this class (violin, viola, cello and bass). Students will develop the skills necessary to perform a variety of string symphony literature from multiple genres at a high level. Performance will be focused on ensemble playing as well as developing individual skills. Students must be able to attend all performances. This is a full-year course. All string symphony students are required to complete the State's Classroom Based Performance (CBPA) to fulfill the Arts credit requirement.

MUSIC APPRECIATION

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12 (*designed for students needing a fine arts credit, but do not wish to participate in a performance-based fine arts class*)
- ▶ **FULFILLS:** .5 Fine Arts credits

This is a non-performance-based course that explores music of various styles through listening experiences. All styles of music are covered (classical, folk, music theater, jazz, popular, etc). Students will investigate composers and performers integral to the styles. Activities include listening, discussions, projects, and presentations on each style of music. We will answer questions like “What makes music tick?” “Why do we enjoy what we enjoy?” Students do NOT need past musical experience to enjoy this class.

INTRODUCTION TO CERAMICS

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts or CTE credit
- ▶ **CLASS FEE:** \$25

This class is an introduction to the various construction techniques of clay with emphasis on the fundamentals of hand-building using coil, slab and pinch techniques. Introduction to basic sculpture will also be included. Techniques in decorating and glazing will be explored. Many techniques and products will be related to historic periods, as well as various cultural settings.

CERAMICS – HAND BUILDING

- ▶ **PREREQUISITE:** Introduction to Ceramics
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts or CTE credit
- ▶ **CLASS FEE:** \$25

Students will explore their artistic creativity enhancing skills in hand building and sculpture. This course provides students with an opportunity to develop more specific directions within ceramic production. Glaze chemistry, decorating techniques, properties of clay and the firing of kilns will be studied.

CERAMICS – WHEEL THROWING

- ▶ **PREREQUISITE:** Introduction to Ceramics
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts or CTE credit
- ▶ **CLASS FEE:** \$25

Students will explore their artistic creativity and enhance skills working on the potter’s wheel. This course provides students with an opportunity to develop more specific directions within ceramic production. Glaze chemistry, decorating techniques, properties of clay and the firing of kilns will be studied.

CERAMICS – PROFESSIONAL/INDEPENDENT ARTIST

- ▶ **PREREQUISITE:** Ceramics – Hand Building or Wheel Throwing
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts or CTE credit
- ▶ **CLASS FEE:** \$25

This class provides students with advanced individual work in ceramics with an emphasis on perfecting techniques, a variety of processes and the history of ceramics. This class will focus on philosophy of art and what it means to be an artist. Professionalism in art and portfolio building will also be studied. At least two hours a week outside of class will be spent working on ceramic assignments.

INTRODUCTION TO DANCE

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts or PE credit

This course is an alternative to other PE courses because it combines art and fitness elements into one fun experience, involving active physical participation as well as classroom observation and reflection. Develop an understanding of the elements of dance and how they work together to communicate meaning. Explore and perform a range of individual and partnered dance styles, build a movement vocabulary to create improvisations and choreography, learn the history of dance, and understand the connection between movement and the physical body. Students are required to participate in an end-of-trimester dance recital.

THEATRE FOUNDATIONS

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts credit

This course introduces students to a wide range of theatrical elements. Learn beginning acting techniques, fundamentals of technical theatre, theatre terminology, theatre history, audience etiquette and theatre appreciation through theatre games and hands-on projects. Some afters-chool and evening participation is required.

TECHNICAL THEATRE

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts credit

This course introduces students to the action that goes on “behind the scenes” of a theatrical production. Discover how a script goes from page to stage through hands-on design, application and construction of set, lights, sound, costumes, make-up and special effects. Practice essential stage management, business management, and safety procedures. Learn technical theatre vocabulary, study the historical development of theatrical design, and analyze design elements in production. Be prepared to “get messy” every day. This course supports the technical aspects of the North Mason Drama Department’s productions and requires some afterschool and evening participation. This course may be repeated for credit.

ACTING TECHNIQUES / DIRECTING

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Fine Arts credit

This course provides an intensive study in the craft of acting focusing on understanding the body and voice as tools for creative expression. Analyze and practice the acting methods of renowned actors and directors, complete in-depth script analysis, and explore character motivation through monologue and ensemble performance. Students who repeat the course may enroll as a Directing student and will write, design and direct their own play. All students will participate in a full-length production for public performance. This is a highly participatory class. This course requires some after-school and evening participation. This course may be repeated for credit.

MUSICAL THEATER

- ▶ **PREREQUISITE:** Theatre Foundations, Choir, Dance, Band with a grade of B- or higher
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 Fine Arts or Elective credit

This course provides students with experience in all aspects of theatrical performance and the professional process of play production. Explore various vocal styles, acting styles and dance techniques. Learn audition skills, rehearsal techniques and technical theatre practices. All students will participate in a full-length production for public performance. Musical Theatre requires considerable after-school and evening commitment; students are required to be in attendance at all performances and rehearsals. This class will be limited to 50 students. This course may be repeated for credit.

MATHEMATICS

MINIMUM 3 CREDITS REQUIRED TO GRADUATE

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

NOTE: A SCIENTIFIC CALCULATOR IS REQUIRED FOR ALGEBRA 1, ALGEBRA 2, GEOMETRY, PRE-CALCULUS, AP CALCULUS A/B AND AP CALCULUS B/C.

The NMHS Math Department recommends a Texas Instrument TI-30X series calculator (i.e. TI-30XIIB). A graphing calculator is not needed, but is a good investment if planning to take higher level math.

To graduate from any Washington State high school, students are required to earn **THREE CREDITS OF MATH**, with progress through Algebra 2 recommended.

However, after students take Algebra 1 and Geometry, they may elect an alternative third math credit other than Algebra 2. This alternative math credit must be consistent with the career-oriented program of study identified in the student's High School and Beyond Plan. The decision to take an alternative third credit of math (other than Algebra 2) requires that the student, parent/guardian, and a school official meet formally, discuss requirements for two- and four-year colleges and sign a form acknowledging that this alternative math choice is more suited to the student's education and career goals.

STUDENTS IN THE COHORT CLASS OF 2021 AND BEYOND will be required to meet standard on the Smarter Balanced Math Assessment.

If a student plans to take Algebra 2 (and beyond), a graphing calculator is a **MUST** for success in these courses. The NMHS Math Department recommends a Texas Instrument T1-83+ or T1-84+. Other graphing calculators may be used, but students will be responsible for learning the syntax and operations of those calculators. The best time of year to purchase these calculators is in August and September when stores are having back-to-school sales. Competitive pricing can also be found online for new and like new calculators.

For more information about the WA State math requirements for graduation, visit the Office of the Superintendent of Public Instruction (OSPI) website: k12.wa.us/GraduationRequirements/MathGraduationRequirements.aspx.

ALGEBRA 1

- ▶ **PREREQUISITE: None**
- ▶ **GRADES SERVED: 9 – 12**
- ▶ **FULFILLS: 1.0 Math credits, .5 Math elective**
- ▶ **MEETS THE WA STATE LEARNING STANDARDS FOR ALGEBRA I**
- ▶ **A SCIENTIFIC CALCULATOR IS REQUIRED FOR THIS COURSE.**

Topics include real number properties, order of operations, solving and graphing linear equations and systems, function notation and properties, solving and graphing quadratic function and interpreting results. Polynomial operations, exponential properties and functions, probability and statistics and problem-solving strategies are included. All students need good number sense and mastery of basic math facts to be successful in the course.

MATHEMATICS

ALGEBRA 2

- ▶ **PREREQUISITE:** Geometry
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 Math credits, .5 Math elective
- ▶ **MEETS THE WA STATE LEARNING STANDARDS FOR THIRD REQUIRED MATH CREDIT**
- ▶ **A SCIENTIFIC CALCULATOR IS REQUIRED FOR THIS COURSE.**

This course builds on the Algebra 1 content. Topics include quadratic, polynomial, rational, radical, exponential, logarithmic and trigonometric functions. Student will solve application problems of these functions, in addition to learning parent functions and how to recognize the transformations of those functions. Study will also include probability and statistics.

BRIDGE TO COLLEGE MATHEMATICS

- ▶ **PREREQUISITE:** Algebra 2 or teacher approval
- ▶ **GRADES SERVED:** 12
- ▶ **FULFILLS:** 1.0 Math credit

This course is designed for seniors (who score a 2 on the Smarter Balanced 11th grade assessment) to improve their readiness for college-level math courses through building conceptual understanding, reasoning and mathematical skills. The course emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Learning Standards (the Common Core State Standards, CCSS-M). Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. Meets the baccalaureate admissions requirement for a 4th year quantitative reasoning course.

GEOMETRY

- ▶ **PREREQUISITE:** Algebra 1
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 Math credits, .5 Math elective
- ▶ **MEETS THE WA STATE LEARNING STANDARDS FOR A 2ND YEAR HS MATH COURSE**
- ▶ **A SCIENTIFIC CALCULATOR IS REQUIRED FOR THIS COURSE.**

Topics include parallel and perpendicular lines, triangular and triangle congruent proofs, properties of circles, properties of quadrilaterals and polygons, coordinate geometry transformations, surface area and volume of three dimensional figures, and the language and logic of inductive and deductive reasoning.

FINANCIAL MATH

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.0 Math or CTE credit or 3rd Math credit

Chances are, you are concerned about money. This class will give you practical tips to plan for your financial future. Having strong money skills will help you set and meet major goals, such as buying a car or house and paying for your education. Also, learning how to use your money wisely will allow you to plan vacations, manage tough financial times and provide a comfortable life for yourself and your family. These skills can mean the difference between worrying about bills and knowing you've got money in the bank.

PRE-CALCULUS

- ▶ **PREREQUISITE:** Algebra 2 or instructor approval
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 Math credit
- ▶ **A SCIENTIFIC CALCULATOR IS REQUIRED FOR THIS COURSE.**

This math elective course prepares students for college or Advanced Placement Calculus. The course will cover trigonometric and circular functions, in addition to their identities and inverse circular functions. Students will also go more in depth with power, polynomial, exponential and logarithmic functions, including transformations of those functions. This course will also introduce conic sections, sequences, series and combinations. There may be opportunity to explore the math of matrices.

AP CALCULUS A/B

- ▶ **PREREQUISITE:** Pre-Calculus
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 Math credits, .5 Math elective
- ▶ **A SCIENTIFIC CALCULATOR IS REQUIRED FOR THIS COURSE.**

This math elective class is equivalent to the first two quarters of college calculus. Students will study limits and their properties, the derivative, anti-derivative, integrals, continuity of functions, Chain Rule, Product and Quotient Rule, implicit differentiation, Reimann Sums, the Mean Value Theorem, Rolle's Theorem, the Fundamental Theorem of Calculus, 1'Hôpital's Rule, the calculus of exponential and logarithmic functions, calculus of plane and solid functions and calculus of motion.

PHYSICAL EDUCATION

**MINIMUM .5 CREDIT HEALTH
& 1.5 CREDITS PHYSICAL EDUCATION REQUIRED TO GRADUATE**

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

INTRODUCTION TO DANCE

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 PE or Fine Arts credit

Introduction to Dance is an alternative to other PE courses because it combines art and fitness elements into one fun experience! This course involves active physical participation as well as classroom observation and reflection. Develop an understanding of the elements of dance and how they work together to communicate meaning. Explore and perform a range of individual and partnered dance styles, build a movement vocabulary in order to create improvisations and choreography, learn the history of dance, and understand the connection between movement and the physical body. Students are required to participate in an end of trimester dance recital.

GYM SPORTS

- ▶ **PREREQUISITE:** 9th grade PE
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 PE credit

This course is intended for students who wish to improve skills in basketball, volleyball and other team sports. Students will participate in intense conditioning programs to increase flexibility and agility. The class will focus on advancing individual skill development through sport-specific drills and games. It will include a running program, plyometrics, goal setting and assessment. Organized games will be played. A written paper is required.

HEALTH & WELLNESS - REQUIRED FOR GRADUATION

- ▶ **PREREQUISITE:** None **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 PE/Health credit

This survey course covers the basics of developing a personal wellness plan in the areas of fitness, nutrition, mental/social wellness, CPR/FIRST AID and sexual education. A project will be required to pass the class.

SPORTS & FITNESS

- ▶ **PREREQUISITE:** None **GRADES SERVED:** 9
- ▶ **FULFILLS:** .5 PE credit

Students will participate in conditioning, individual sports and team sports with an emphasis on daily fitness development and daily participation in various sports activities.

STRENGTH DEVELOPMENT A

- ▶ **PREREQUISITE:** None **GRADES SERVED:** 9
- ▶ **FULFILLS:** .5 PE credit

This course is for students who wish to learn how to strength train the body by learning the basic fundamentals of weight training and developmental movement. Five days a week will be devoted to lifting, conditioning and film sessions on functional movement training. Students will learn the basics of weight training and nutrition and write a personalized training program.

STRENGTH DEVELOPMENT B

- ▶ **PREREQUISITE:** 9th grade PE **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 PE credit

This course is for students who wish to learn how to strength train the body through functional movements with weights and builds on concepts learned in Strength Development A.

TEAM SPORTS

- ▶ **PREREQUISITE:** 9th grade PE **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 PE credit

This course is designed to incorporate a combination of team, individual and dual sports. The student will receive basic instruction and skill development as well as a well-rounded look at sports and fitness both physically and mentally to help build a healthy self. Indoor and outdoor activities include light conditioning and plyometrics in addition to game activity. Individual and dual sports include pickleball, badminton and tennis. Team sports include ultimate Frisbee, flag football, basketball, volleyball, speed-away and soccer.

WALKING FITNESS

- ▶ **PREREQUISITE:** 9th grade PE **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 PE credit

This class is designed to impart knowledge and understanding physical fitness through walking. Through walking, stretching and other activities the student will improve muscle strength and aerobic power. Students will be required to aerobic walk regardless of the weather. Students will be walking around campus and will need reflective vests. Students must be prepared to walk in any type of weather.

ADVANCED WEIGHT TRAINING

- ▶ **PREREQUISITE:** Instructor approval
- ▶ **GRADES SERVED:** 9 – 12 **FULFILLS:** .5 PE credit

Weight training and developmental movement, applying the concepts learned in Strength Development A or B, but application towards SPECIFIC SPORT TRAINING. This course is for students who wish to learn how to strength train the body for sports through functional training. Five days a week will be devoted to lifting and conditioning as well as film sessions on functional training. Students will learn the basics of weight training and nutrition. The goals will be to develop a positive self image and attitude, establish a goal setting program for their sports. Students will learn how to maximize their potential both physically and mentally in every arena of life.

SCIENCE

MINIMUM 2 CREDITS LAB SCIENCE & 1 CREDIT REGULAR SCIENCE REQUIRED TO GRADUATE

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

PRINCIPLES OF BIOMEDICAL SCIENCE

- ▶ **PREREQUISITE:** None
- ▶ **GRADE SERVED:** 9 – 12 **FULFILLS:** 1.0 Science credit
- ▶ **LAB**
- ▶ **MAY MEET THE BIOLOGY REQUIREMENTS FOR 9TH & 10TH GRADE**

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human psychology, basic biology, medicine and research processes while allowing them to design their own.

PHYSICS IN THE UNIVERSE

- ▶ **PREREQUISITE:** Algebra 1 or 1.0 Science credit
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **LAB** **FULFILLS:** 0.5 Science credit

This is a lab-oriented course that introduces basic concepts of physics in the universe. You will exercise your natural curiosity about how the Universe works, make scientific predictions, and discover major scientific concepts via inquiry, hands-on activity, and laboratory investigation. Topics in this class include forces and motion, energy conversion, nuclear processes, waves and electromagnetic radiation, stars and the origin of the universe.

HUMAN BODY SYSTEMS

- ▶ **PREREQUISITE:** 9th grade Principles of Biomedical Science
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **LAB**
- ▶ **FULFILLS:** 1.0 Science credit

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration, and take on the roles of biomedical professionals to solve real-world medical cases.

HORTICULTURE

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** .5 Science or CTE credit
- ▶ **LAB**

Horticulture is a combination of classroom-based and hands-on laboratory exploration in basic botany. Students will study small-scale food and ornamental plant production, world agriculture, implications of farming (both conventional and organic) and greenhouse management. Related career opportunities will be explored. Student may participate in field trips to farms and nurseries, propagate and grow a variety of plants and learn successful greenhouse plant culture.

EARTH / SPACE SCIENCE

- ▶ **PREREQUISTE: 1 Science credit**
- ▶ **GRADES SERVED: 10 – 12**
- ▶ **FULFILLS: .5 Science credit**

Various atmospheric processes, glaciation and tectonic forces will be discussed that will allow students to analyze Earth's past by understanding what is presently occurring on our planet. You will also study common rocks and minerals – the building blocks of Earth and many of the planets and moons within the solar system. A variety of labs will involve the analysis of rocks and minerals, culminating with the development of various crystals in gels. Earth's interior will be examined and mountain development will be analyzed. The course will also briefly discuss the historical development of astronomy, telescopes and spectroscopy. The major topics covered are the birth and death of stars, the structure and evolution of galaxies, exotic objects such as pulsars, white dwarfs, black holes, radio galaxies, quasars and some of the current theories of cosmology. *Note: Course objectives are closely aligned with Washington state standards.*

FIELD BIOLOGY

- ▶ **PREREQUISTE: 1 Science credit**
- ▶ **GRADES SERVED: 11 – 12**
- ▶ **FULFILLS: .5 Science credit**
- ▶ **LAB**
- ▶ **TAUGHT AT NMSD WETLANDS CLASSROOM. TRANSPORTATION IS PROVIDED**

Through classroom and field research and academic thoroughness, you will gain an understanding and appreciation of the Theler Wetlands and surrounding areas. Do you want to dance in Big Mission Creek and collect benthic macroinvertebrates (bugs)? Do you want to learn about the plants of the Pacific Northwest? Do you want to collect water samples and analyze them for dissolved oxygen, phosphates and nitrates to determine the health of our local streams and rivers? Topics include experimental design, plants of the Pacific Northwest, benthic macroinvertebrates and water quality testing.

CHEMISTRY

- ▶ **PREREQUISITE: 2 Science credits, successful completion of Algebra 2 with grade C or better, or taken concurrently, or instructor recommendation**
- ▶ **SUPPLIES: Scientific or graphing calculator**
- ▶ **GRADES SERVED: 10 – 12 (10th graders must have instructor approval)**
- ▶ **FULFILLS: 1.0 Science credit**
- ▶ **LAB**

Chemistry is a college prep physical science course with many math-related problems. You will learn about chemicals that are part of your everyday life, discover all the wonders of the periodic table, explore various chemical reactions, play with molecular model kits, make lotion and learn about the chemicals in the foods you eat.

PHYSICS

- ▶ **PREREQUISITE: 2 Science credits, successful completion of Algebra 2**
- ▶ **SUPPLIES: Scientific or graphing calculator**
- ▶ **GRADES SERVED: 11 – 12 or teacher approval**
- ▶ **FULFILLS: 1.0 Science credit**
- ▶ **LAB**

This course is designed to master the fundamental concepts of classical and modern physics as applied to the real world where concepts do not exist as isolated elements but as part of a system. This course teaches you the tools needed to exercise your natural curiosity about how the universe works. Matter and energy obey fundamental mathematical equations that you will get to rediscover from a practical point of view and apply to everyday life situations. The course includes hands-on activities and demonstrations. This course is recommended for those who wish to pursue a career in science, technology or engineering and is based heavily in math. This is a fast-paced class with an expansive learned knowledge base; be prepared for extensive study and time put in outside of the classroom. Physics or Chemistry required for college-bound students.

ANIMAL SCIENCE

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** .5 Science credit or CTE credit

This course focuses on the scientific principles of the breeding and care of agricultural animals, and the production, processing and distribution of agricultural animal products. Includes instruction in the animal sciences, animal husbandry and agricultural food products processing.

VETERINARY SCIENCE – TWO CONSECUTIVE TRIMESTERS

- ▶ **PREREQUISITE:** Animal Science
- ▶ **GRADES SERVED:** 10 – 12
- ▶ **FULFILLS:** 1.0 Science credit

Students will learn skills to prepare for employment or advanced training in the veterinary or health services industry. Units of instruction include medical terminology, animal handling and restraint, injections and sutures, parasitology, animal health care instruments, animal grooming and grooming equipment, veterinary office procedures, and comparative animal anatomy and physiology. Students will study small and large animals. In the second trimester, students will gain hands-on experience related to the concepts learned in the first trimester. They will gain a deeper understanding of medical terminology, animal anatomy, and animal health care and nutrition through practical applications.

SOCIAL STUDIES

MINIMUM 3 CREDITS INCLUDING US HISTORY, CONTEMPORARY WORLD HISTORY, GEOGRAPHY & PROBLEMS, CIVICS AND SS ELECTIVE REQUIRED TO GRADUATE

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

AP WORLD HISTORY

OFFERED 2021 – 2022 (AND THEN EVERY OTHER YEAR)

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.0 US History and .5 Social Studies credit
- ▶ **3 TRIMESTER COMMITMENT TO SATISFY US HISTORY REQUIREMENT FOR GRADUATION**

AP World History studies truly global history, starting around 1200 BCE through the modern period. We'll explore five themes throughout history: human interaction with our environment; cultural development; state-building; creation of economic systems; and transformation of societies. Students will learn to think like historians: analyzing sources; developing arguments; making comparisons; and reasoning about context, cause, continuity, and change. Also, unlike most history courses in high school, coverage of European history will not exceed 30% of the materials covered. Finally, as this is a college-level course in high school, students will need to dedicate time outside of class to reading, writing, and reflecting, but the effort is well rewarded. Commitment to learning this curriculum will prepare students for the College Board's test in May, which could earn them college credit.

AP US HISTORY

OFFERED 2022 – 2023 (AND THEN EVERY OTHER YEAR)

- ▶ **PREREQUISITE:** GPA of 3.0 or instructor permission
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.0 US History and .5 Social Studies credit
- ▶ **3 TRIMESTER COMMITMENT TO SATISFY US HISTORY REQUIREMENT FOR GRADUATION**

This challenging course covers US History from the Colonial Period to the present. Students develop the study, thinking and writing skills necessary for college. College credit may be earned by passing a nation-wide examination.

AP US GOVERNMENT & POLITICS

OFFERED 2020 – 2021 (AND THEN EVERY OTHER YEAR)

- ▶ **PREREQUISITE:** GPA of 3.0 or instructor permission
- ▶ **GRADES SERVED:** 11 – 12
- ▶ **FULFILLS:** 1.0 Social Studies credit
- ▶ **2 TRIMESTER COMMITMENT TO SATISFY GOVERNMENT REQUIREMENT FOR GRADUATION**

Advanced Placement US Government and Politics is a challenging course for those interested in the government and politics of our country. The structure and function of government, interest groups and the media are covered. College credit may be earned by passing a nation-wide examination.

CIVICS

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 12
- ▶ **FULFILLS:** .5 Social Studies credit

This course includes the study and function of US Government. Current events, the media, policy-making and politics are incorporated into this senior level course. The goal of the course is to introduce students to their roles and responsibilities as citizens. A classroom-based assessment or similar research-based product is required for course credit.

US HISTORY & GOVERNMENT

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 11 – 12, recommended for juniors
- ▶ **FULFILLS:** 1.0 Social Studies credit

This course covers US History from the Industrial Age (1865) to the 1930's, the New Deal and WWII to the present. The focus is on social, political and economic changes that have shaped the American landscape and the world in which we live today. A classroom-based assessment or similar research-based product is required for course credit.

CONTEMPORARY WORLD HISTORY, GEOGRAPHY & PROBLEMS

- ▶ **GRADES SERVED:** 10-12, recommended for sophomores
- ▶ **PREREQUISITE:** none
- ▶ **FULFILLS:** 1.0 Social Studies credit

The course surveys major world events from the spread of industrialization to the present. Topics include imperialism and the growth of Western power, WWI and WWII, the rise of communism and fascism, the Great Depression, the causes of World War II, the Cold War, the Middle East, globalization and rising world powers. A classroom-based assessment or similar research-based product is required for course credit.

THE LAW & YOU

- ▶ **PREREQUISITE: None**
- ▶ **GRADES SERVED: 10 – 12**
- ▶ **FULFILLS: .5 Social Studies credit**

This course covers the basic concepts of criminal law, as well as individual rights guaranteed in the Constitution. Samples of actual court cases, such as mock trials, are used to study legal principles and how they apply to everyday life. Students must complete a research-based project on a topic related to the Constitution, laws or the legal system.

PACIFIC NORTHWEST HISTORY

- ▶ **PREREQUISITE: None**
- ▶ **GRADES SERVED: 9 – 12**
- ▶ **FULFILLS: .5 Social Studies credit**
- ▶ **REQUIRED FOR GRADUATION UNLESS THE REQUIREMENT WAS MET PRIOR T 9TH GRADE. IF SO, IT CAN BE TAKEN AS A .5 SOCIAL STUDIES ELECTIVE CREDIT OR AS A GENERAL ELECTIVE CREDIT.**

Pacific Northwest History traces the history and development of Washington, Oregon and Idaho with emphasis on Washington. We will learn about the Native Americans, first inhabitants of the Northwest, as well as the modern exploration and settlement of our region. A classroom-based assessment or similar research-based product is required for course credit.

PSYCHOLOGY

- ▶ **PREREQUISITE: Grade of C or better in English 9**
- ▶ **GRADES SERVED: 10 – 12**
- ▶ **FULFILLS: .5 Social Studies credit**

Why did I do that? What makes people's personalities distinct from each other? What's an ego? How can people be so mean or nice to each other? Why do my friend and I learn so differently? Am I normal?

Answers to all of these questions and many more lie in the field of psychology, the study of human behavior and mental processes. This introductory course will focus on several aspects of psychology, including theories of psychology, research methods, personality, consciousness and behavior. The course will be challenging, with required reading of a college-level textbook, plenty of daily work, discussion, presentations and independent research. A multimedia oral report is required for course credit.

SOCIOLOGY

- ▶ **PREREQUISITE: Grade of C or better in English 9**
- ▶ **GRADES SERVED: 10 – 12**
- ▶ **FULFILLS: .5 Social Studies credit**

Why am I like my friends? What is normal? Why are some people not normal? Why does crime exist? Why does poverty exist, and how can it be reduced? Are different races more the same or distinct?

These and others are questions that sociology can help to answer. Sociology is the study of the individuals, groups and institutions that make up human society, of people and their relations with each other. Course content includes the history and methods used by sociologists, conformity, adolescents and adults, social and economic classes, gender, race and more. Expect rigorous work, with tough reading, plenty of daily work, tests, presentations and projects that do real sociology by surveys, observations, and data collection. A research-based study of a local organization will be an essential requirement for course credit.

WORLD LANGUAGES

MINIMUM 2.0 CREDITS OF THE SAME WORLD LANGUAGE OR A PERSONAL PATHWAY THAT DOES NOT REQUIRE A FOREIGN LANGUAGE REQUIRED TO GRADUATE

1 Trimester to 0.5 credit / 2 Trimesters to 1.0 credit / 3 Trimesters to 1.5 credits

GERMAN 1

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 elective credit

This course is an introduction to the German language and its cultures. Strong emphasis will be given to speaking and understanding conversational German. Reading and writing in German will reinforce learning. Goals include acquiring the ability to carry on guided conversations and to write on limited subjects in the German language.

GERMAN 2

- ▶ **PREREQUISITE:** Successful completion of German I A & B
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 elective credit

Building upon work in German 1, students will use games, singing, presentations, reading and writing to practice the language. German will be the primary language for communication in the classroom. We will work through more complex grammatical ideas. The emphasis will be more evenly divided between listening, speaking and written work.

SPANISH 1

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 elective credit

This course is an introduction to the Spanish language and its cultures. Strong emphasis will be given to speaking and understanding conversational Spanish. Reading and writing in Spanish will reinforce the learning. Goals include acquiring the ability to carry on guided conversations and to write on limited subjects in the Spanish language.

SPANISH 2

- ▶ **PREREQUISITE:** Successful completion of Spanish I A & B
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.0 elective credit

This course is a continuation of Spanish 1 plus the introduction of additional common grammatical structures. Students will continue developing the skills to read, write, comprehend and speak basic Spanish and will also learn more about the customs and cultures of Hispanics from a variety of countries.

SPANISH FOR NATIVE SPEAKERS

- ▶ **PREREQUISITE:** None
- ▶ **GRADES SERVED:** 9 – 12
- ▶ **FULFILLS:** 1.5 World Language credit

This course prepares native and heritage speakers to communicate in Spanish in all modes. Students will reinforce and expand their skills to interpret (read, listen, view) and present (speak, write) information at the same level as they exchange (speak and listen; read and write) information, concepts, and ideas on a variety of topics. The course will advance students' understanding of the relationships among the products, practices and perspectives of the cultures included in the Spanish-speaking world.



West Sound Technical Skills Center

West Sound Technical Skills Center provides professional career training and college preparation as part of the public educational system at no cost to students between the ages of 16 and 21 and in grades 11 or 12. Classes are three periods in length and prepare students for both careers AND college ready skills, featuring hands-on training and a focus on employability skills. Students select either first session from 8:00AM to 10:30AM or second session from 11:10AM to 1:40PM.

Bus transportation provided by the sending school. All programs offered at West Sound Tech satisfy a high school elective credit requirement for graduation or a career and technical education credit. Most programs offer equivalency credit/cross credit (see individual program description). Students may also be able to earn additional community college credit free through the Tech Prep process in selected programs indicated below. See your counselor on how to enroll. Regular daily attendance is critical at West Sound Tech. Call for further information (360.473.0550) or check out our programs at westsoundtech.org.

3-D ANIMATION & GAME DESIGN

AM SESSION

2 Semesters/3Credits

Uniform: None

PM SESSION

2 Semesters/3 Credits

Fees: None

Learn the principles, tools, and concepts used in 2D and 3D animation, video game programming, and video game production. Students use industry standard computers and software to create 3D videogames and animations. During your time in this course, you will learn to design, develop a 3D model, rig and animate a character for videogames. Strategies include development of a 3D art pipeline, modeling, texturing, game engines, modeling for anatomy, principles of animation, as well as modeling strategies used in industry. Students learn a variety of 21st Century Skills, or employability skills, that are essential for effective transition into the professional world. Career opportunities include: video game design, animation design, 3D-modeling, programming video games and more.

AUTOMOTIVE TECHNOLOGY

AM SESSION

2 Semesters/3 Credits

(Tech Prep Credit Available)

PM SESSION

2 Semesters/3 Credits

Optional 2-year program

Earn Industry Certification

Uniform: 1 pair of pants and 1 shirt purchased from WST for approximately \$16

Students need to purchase their own safety glasses

Fees: None

Automotive Technology focuses on providing students interested in the automotive industry hands-on learning in a simulated workplace environment. Students build a solid foundation in automotive brakes, suspension and steering, cooling, lubrication systems, HVAC, engine fundamentals and operation, electrical and electronic systems, as well as all standard servicing aspects. This program includes a strong focus on shop safety and industry standards, as well as development of leadership skills. West Sound Tech's automotive program has earned multiple awards including the coveted EnviroStar certification for recycling and environmental protection.

COLLISION REPAIR TECHNOLOGY

AM SESSION

2 Semesters/3 Credits

(Tech Prep Credit Available)

PM SESSION

2 Semesters/3 Credits

Optional 2-year program.

I-CAR Curriculum; Industry Safety Certification

Uniform: \$20 Uniform shirt, work boots and safety glasses

Fees: None

Join Collision Repair Technology to learn basic metal properties, welding techniques on specialized metals, plastics repairs, and surface preparation and refinishing systems. Students use what they learn in the classroom in a hands-on collision repair facility on campus, learning about basic uni-body frame repair, parts replacement, sanding/stripping/masking painted surfaces, spraying automotive and other finishes, glass replacement, and auto detailing. There is a strong emphasis on shop safety and industry standards while developing workplace leadership skills. Students work on I-CAR curriculum during the second year of this program.

CONSTRUCTION CAREERS

(Tech Prep Credit Available)

Optional 2-year program

Uniform: Work boots, long pants and warm clothing for winter

Fees: Optional certifications

AM SESSION

PM SESSION

2 Semesters/3 Credits

2 Semesters/3 Credits

Construction Careers prepares students for entry-level positions in the construction industry. This course combines theory and hands-on experiences that culminate in preparation for the workplace. Students learn cost estimating, hand and power tool operation, blueprint reading, building code requirements, site preparation, footing and foundation construction, floor and ceiling construction, walls and partition framing, roof frame construction, and exterior finish. Second year students hone their skills in residential electrical and plumbing fundamentals, stair construction, energy conservation techniques and commercial carpentry. There is a strong emphasis on industry safety standards and workplace skills and leadership development. Advanced education is available through Bates Technical College Carpenter Training Center, Clover Park Technical College, Carpenters Training Center JATC Apprenticeship Program and Laborer's Training Center in Kingston.

COSMETOLOGY

(Tech Prep Credit Available)

Optional 2-year program

Uniform: Black smock, black slacks (no jeans).

Fees: Materials kit (approximately \$135) and supplies list.

AM SESSION

PM SESSION

2 Semesters/3 Credits

2 Semesters/3 Credits

Cosmetology is the art and science of beautifying and improving the skin, nails, and hair and the study of cosmetics and their application. Students receive classroom instruction and hands-on training on mannequins and customers using industry standard equipment. In order to work in this industry, students must become licensed, which requires training beyond high school to earn the minimum required hours. The cosmetology program trains cosmetologists, estheticians, manicurists and barbers with additional opportunities to broaden their career path with specialized training as Texture Service Specialists, Wig or Extensions Specialist, Retail, Makeup Artist, Day Spa Technician, Salon Owner, Salon Manager, Product Educator, Hairstylist for TV, Movies or Theater, Platform Artist etc. Cosmetology is your career path to a bright rewarding future. Industry Certification. This program leads directly into the Olympic College cosmetology program, where students earn their associates degree as well as prepare for the state licensing assessments.

CRIMINAL JUSTICE

(Tech Prep Credit Available)

Optional 2-year program

Uniform: Black BDUs (battle dress uniform pants), approximately \$16, Criminal Justice polo shirt, sweatshirt, workout shirt and shorts, black leather or canvas belt to support equipment, black boots and black tennis shoes.

Fees: CPR/First Aid Card (approximately \$10)

AM SESSION

PM SESSION

2 Semesters/3 Credits

2 Semesters/3 Credits

Criminal Justice prepares students to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, equipment operation and maintenance, report preparation, and other routine law enforcement responsibilities. Students engage in theory and hands-on activities that closely mirror the real-world experiences, including field trips to criminal justice and law enforcement facilities, interaction with experts in local, county, state, and national law enforcement, judicial system, investigative and protective services are embedded throughout the year. Careers in law enforcement are expected to grow in all career areas. Students prepare for careers in criminal justice as well as entry into post-secondary criminal justice programs.

CULINARY ARTS*(Tech Prep Credit Available)**Optional 2-year program***Uniform:** Black slacks, nonskid black shoes, white apron, hat (black or white) and culinary jacket (approximately \$75)**Fees:** Food Handler's Permit (approximately \$10)**AM SESSION****PM SESSION****2 Semesters/3 Credits****2 Semesters/3 Credits**

Culinary Arts combines culinary curriculum with hands-on training in a commercial kitchen setting. Students receive instruction in kitchen procedures, safety and sanitation, deli operations, baking/food productions, banquet and catering service and storeroom management. Students engage in real-world culinary experiences preparing and serving food for the public during banquets, meetings, celebrations and as part of the Three Seasons Deli located in the main commons area of the school. Students learn about the variety of career opportunities in the culinary industry. Students earn industry permits and certifications, including National ServSafe, and American Culinary Federation certification. ****Students MUST have a current Food Handlers Card to participate in the course.**

DESIGN TECHNOLOGY*(Tech Prep Credit Available)**Optional 2-year program***Uniform:** None**AM SESSION****PM SESSION****Fees:** None**2 Semesters/3 Credits****2 Semesters/3 Credits**

Design Technology connects creativity, science, math, engineering and technology together. In this class students take an idea from inception to production. They use architectural and mechanical 3D design software and learn how to transfer those designs and blueprints to 3D printers and lathes. Students learn about the design process and how it is used in a variety of careers. They learn to program and use Computer Numerical Controlled (CNC) industrial milling machines and get hands-on training with underwater ROV projects. Students use the Core+ curriculum to learn about the aerospace and marine industries and the connection with design technology.

ESTHETICS*(Tech Prep Credit Available)**Optional 2-year program***Uniform:** Black smock, black slacks (no jeans).**Fees:** Materials kit (approximately \$125) and supplies list.**AM SESSION****PM SESSION****2 Semesters/3 Credits****2 Semesters/3 Credits**

Esthetics focuses on skin care, facials, waxing, makeup and body treatment techniques. Students learn safety and sanitation, customized facial and skin care treatments, spa treatment service procedures, hair removal techniques, makeup application, guest service skills, management of spas and salons, as well as preparation for the state licensing assessment. Students learn the chemistry behind effective skin care, expectations of Washington State Esthetic laws, rules, regulations, career opportunities, business skills, professional image, communication and the history of esthetics.

FIRE SCIENCE*(Tech Prep Credit Available)**Optional 2-year program***Uniform:** Fire Science T-shirt**AM SESSION****PM SESSION****Fees:** None**2 Semesters/3 Credits****2 Semesters/3 Credits**

Learn the skills necessary to pursue a career in the fire service and to be an integral part of a Community Emergency Response Team (CERT). Taught by fire-fighting professionals, you are introduced to firefighter training; fire prevention, inspection and investigation; alarm systems; dispatching; CERT; and emergency medical services. Students learn through hands-on and academic training using full bunker gear.

HVAC TECHNICIAN*(Tech Prep Credit Available)***Uniform:** Program shirt, work boots and safety glasses**Fees:** None**PM SESSION****2 Semesters/3 Credits***Optional 2-year program*

Prepare for a career in the heating, ventilation, air conditioning and refrigeration industry. Students learn the technical skills needed to work in such areas as air conditioning, systems controls, energy management systems and sales. Students spend part of the time in the classroom focusing on hands-on learning and academic connections and part of the time in an internship working in the world of HVAC.

PROFESSIONAL MEDICAL CAREERS*(Tech Prep Credit Available)**Optional 2-year program***Uniform:** Medical scrubs, black or blue and red pen, watch and supportive shoes (sneakers).**Fees:** CPR card (approximately \$10), Food Handler's Permit (approximately \$10), and WA State Patrol Background Check (approximately \$10)**AM SESSION****2 Semesters/3 Credits****PM SESSION****2 Semesters/3 Credits**

Through hands-on experience, students can acquire the skills and knowledge needed for a variety of medical occupations. Learn anatomy, physiology, and the signs, symptoms and prevention of disease. Explore medical careers in your areas of interest, as well as in high demand jobs. Learn procedures for patient care including taking blood pressure, temperature, pulse and respirations, as well as bathing, grooming, feeding, lifting and exercise. Health unit coordination, clinical program computer use, charting and patient documentation are also taught in this program featuring real-world experience with patients. A portion of the year is spent in a supervised clinical experience working with patients. This prepares students for entrance into a college level nursing program, as well as for certification as a Washington State Certified Nursing Assistant. Career opportunities include Nursing Assistant, Registered Nurse, Medical Office Assistant, Physician, Radiology Tech, Pharmacist and Physical Therapist.

WELDING*(Tech Prep Credit Available)**Optional 2-year program***Uniform:** Long sleeve shirt, long pants and work boots**Fees:** None**AM SESSION****2 Semesters/3 Credits****PM SESSION****2 Semesters/3 Credits***Apprenticeships available*

The Welding Trades program at West Sound Technical Skills Center will introduce high school students to the world of welding. Students will experience hands-on training with the tools of the trade in a real-world setting. This program includes both in-class theory and in the shop experience. The Welding program is housed in a large facility that includes an expansive shop and classroom area. Students learn to cut and join metal using gas torch, arc and wire-feed welding equipment; repair broken metal parts on machinery, equipment, boats and structures. Students prepare to meet industry certification requirements as a certified welder upon successful completion of the program. Students learn: shielded metal arc welding (SMAW), gas tungsten arc welding (GTAW), gas metal arc welding (GMAW), flux-core arc welding (FCAW), air carbon arc cutting, plasma arc cutting, and oxyfuel gas cutting. Students prepare for positions in a variety of industries, including maritime, aerospace and manufacturing.

NON-DISCRIMINATION STATEMENT

North Mason School District does not discriminate on the basis of race, creed, religion, color, national origin, sex, disability, age, honorably discharged veteran or military status, sexual orientation including gender expression or identity, the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability in its employment and programs and activities, and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle inquiries regarding the nondiscrimination policies:

Title IX Coordinator, Mark Swofford

504 Coordinator, Thom Worlund

Compliance Coordinator for 28A.640 & 28A.642 RCW, Dana Rosenbach.

Each can be reached by phone at 360-277-2300 or by mail at 150 E Campus Dr.; Belfair, WA 98528.

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