

Mount Si High School



2026-27 Course Catalog

Last update

3/11/2026

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School Directory



Mount Si High School

8651 SE Meadowbrook Way, Snoqualmie, WA 98065

MAIN OFFICE PH: (425) 831-8100 FX: (425) 831-8222

ATTENDANCE PH: (425) FX: (425) 831-8200

COUNSELING CENTER PH: (425) 831-8150 FX: (425) 831-8223

Main Office & Attendance

| | |
|--|-----------------|
| Vernie Newell, Principal | 831-8100 |
| John Norberg, Assistant Principal (last names A-Gi) | 831-8100 |
| Jessica Easthope, Assistant Principal (last names Gm-Om) | 831-8100 |
| Krista Lallemand, Assistant Principal (last names On-Z) | 831-8100 |
| Katie Redman, Assistant Principal | 831-8100 |
| Jordan Sauvage, Athletic Director | 831-8100 |
| Tanya Alter, Office Manager/Admin Assistant | 831-0210 |
| Sara Duran, Attendance Admin Assistant | 831-8200 |
| Jeannette Meek, Main Office Admin Assistant | 831-8100 |
| Tamara Frederick, Athletic Admin Assistant | 831-0207 |
| Michelle Chaney, CTE Director | |
| Christina Copitzky, CTE Admin Assistant | |
| Melissa Natarajan, Financial Admin Assistant | 831-0226 |
| Karrie Schilperoort, Financial Admin Assistant | 831-0225 |
| Amy McCrery, Nurse Main Office | 831-0243 |
| Nurse 4000 building | 831-0224 |

Counseling Center

| | |
|---|----------|
| Amy Bush, Counseling Admin Assistant | 831-8150 |
| Elaine Maimon, Career & College Counselor - Running Start counselor (fulltime RS students) | 831-8150 |
| Julie Silverman, Career & College/Admin Assistant | 831-0232 |
| Richard Dempsey, Counselor - students last name A-Che | 831-8150 |
| Christian McKone, Counselor - students last name Chi-Gi | 831-8150 |
| Steven Crane, Counselor - students last name Go-K | 831-8150 |
| Charene Gray, Counselor -students last name On-Si | 831-8150 |
| Counselor –students last name L-Om | 831-8150 |
| Sloan Westerman, Counselor - students last name Sj-Z | 831-8150 |
| Michelle Larson, Registrar – Student Withdraws | 831-0228 |
| Amy Pangborn, Registrar – New Enrollments | 831-0227 |

Graduation Requirements

Mount Si High School graduates must earn 24 credits for graduation. Each semester course in which a student earns a passing grade is valued at .5 or one-half credit. A year-long course is valued at 1.0 credit.

*Please also see alternate credit information for our dual credit courses on pages 8 & 9.

| Subject | Credits Required for High School Graduation | Recommendation for Competitive 4-Year Colleges & Universities |
|------------------------|---|---|
| Language Arts | 4 credits | 4 credits (Reg. or Honors or AP) |
| Mathematics | 3 credits | 3-4 credits (Reg. or Honors or AP) |
| Science | 3 credits | 3-4 credits (Reg. or Honors or AP) |
| Social Studies | 3 credits (includes .5 Senior year Civics course) | 3-4 credits (Reg. or Honors or AP) |
| World Language | 2 credits <i>2 credits can be waived to meet student's Personalized Pathway Requirements as detailed in their High School & Beyond Plan; Student must work with counselor to decide</i> | 3-4 credits (2 year minimum recommended) |
| Occupational Education | 1 credit | 1 credit |
| Health | .5 credit | .5 credit |
| Physical Education | 1.5 credits | 1.5 credits |
| Fine Arts | 2 credits <i>1 credit can be waived to meet student's Personalized Pathway Requirements as detailed in student's High School & Beyond Plan; Student must work with counselor to decide</i> | 2 credits <i>1 credit can be waived to meet student's Personalized Pathway Requirements as detailed in student's High School & Beyond Plan; Student must work with counselor to decide</i> |
| Electives | Enough elective credits to reach 24 credits total by graduation | Enough elective credits to reach 24 credits total by graduation |

The above charts are recommendations of courses to include in a high school 4-year plan based on a designated pathway. High School 4-year planning may vary student to student depending on their strengths. Choosing and designing a curriculum based on these pathways does not guarantee admission to a specific college/university. Students must research the specific colleges or universities for the school's specific entrance requirements. Other factors are also considered in admissions decisions: academic rigor (rigor can mean the combination of core subject areas as well as Honors and AP courses), student activities, community service, life experiences, personality, and character.

Additional Graduation Requirements

- Washington State History
 - Students who did not complete Washington State History and Government in middle school should consult with their counselor regarding options for completion. For more information on this graduation requirement refer to [WAC 180-51-066](#).
- High School and Beyond Culminating Project
 - All seniors must successfully complete all five sections of the High School and Beyond Culminating Project (Financial Literacy/Career Research/ Portfolio/ Reflective Essay/ Presentation).
- High School & Beyond Plan
 - To access the High School & Beyond Plan, students should go to SchoolLinks via the ClassLink portal

-
- Passing Scores on all Required State Testing *or* alternate testing pathway – (see below)
For details, please review [State of Washington Office of Superintendent of Public Instruction \(OSPI\) State Testing](#).

Alternate Options to State Testing requirement in ELA and Math

- Pass SBA in ELA and Math
Students will sit for these Washington State tests in 10th grade. Students who do not meet standard can retest in spring of 11th and 12th grade.
- Demonstrate College and Career Readiness in ELA and/or Math through alternates (SAT, ACT, AP exams, dual credit classes, Bridge to College ELA or Math)
- Minimum ASVAB score for students intending a military career
- Demonstrate Career readiness by completion of a CTE pathway sequence aligned to high school and beyond plan

For more information regarding graduation pathways visit the WA State Board of Education website at www.sbe.wa.gov/our-work/graduation-requirements/graduation-requirements-class-2022

Personalized Pathway Plans (Fine Arts or World Language waiver)

Students may replace 1 of 2 Fine Arts credits and/or up to 2 credits of World Language to meet a specific post-high school career or educational goal chosen by the student. Replacement of these credits is based on the student's interests and High School and Beyond Plan. Students interested in a Personalized Pathway should consult their counselor, refer to the Counseling Center website or contact the Counseling Center for instructions.

PE Waivers

Some students may be eligible for a .5 PE waiver or credit. Detailed PE waiver eligibility and criteria are available on the MSHS Counseling Center website. Please contact your counselor for more information.

Eligible students may apply for a PE waiver or credit during or after the student's Junior year.

Policies & Procedures

Grading

In accordance with WA state law, MSHS does not weight GPA and follows the standard four-point grading system. Passing grade is 'D' or better.

| Grade | Grade Point Value | Grade | Grade Point Value |
|-------|-------------------|-------|-------------------|
| A | 4.0 | C+ | 2.3 |
| A- | 3.7 | C | 2.0 |
| B+ | 3.3 | C- | 1.7 |
| B | 3.0 | D+ | 1.3 |
| B- | 2.7 | D | 1.0 |
| | | F | 0 |

Cumulative Grade Point Averages

Student GPAs are calculated using the above grade point system. Grades for each semester are weighted equally for all classes. Additionally, students may request to include middle school grades for traditional high school courses (i.e., Geometry) .

Student Rank

Class rank is calculated for seniors using unweighted cumulative GPAs. Mainstream special education, ELL, and Running Start students are included in rank calculations. Please contact your counselor if you need to obtain your class rank.

Mt Si High School Online Program

The MSHS Online Program is fully accredited and approved by OSPI. The program allows students to take courses online that fulfill MSHS graduation requirements. Although high school requirements are met, MSHS cannot guarantee that post-secondary programs will accept online learning credits. Students and their families must refer to individual colleges, universities, military program, or the NCAA to determine if the student's online credits will be recognized. Students should schedule a Counseling Center appointment to discuss online options. Information can also be accessed on the Snoqualmie Valley School District website under [Online Learning Program](#).

Credits from other schools or programs

The district will accept credits from another Washington public schools or accredited Washington State private schools or accredited out-of-state public or private school to the extent the credit matches a district graduation requirement—or the credits may be counted as elective credits. See School Board Policy 2410P

High School Credit Earned Prior to 9th Grade

Any high school rigor courses taken in middle school will automatically be rolled up to the high school transcript if a student earned a passing grade. Students have two options if they wish to modify this credit roll up. *

- 1) Request to have the course removed from their high school transcript. *Please note, that once the grades and/or credits are deleted from the high school transcript, the grade and/or credit cannot be added back and will permanently be excluded from the student's grade point average.*
- 2) Request to convert the grade earned to a 'P'. This will not affect the student's GPA calculation, but it will award credit on the transcript. *Please note, once a grade has been converted to a 'P' it cannot be removed or changed back to the original grade. (Please note NCAA may not recognize a "P" as an approved NCAA course)*

*The form necessary to make either of the above referenced changes can be found on the Counseling home page:

MSHS.svsd410.org > Academics > Counseling Center > Forms

Please reach out to your counselor for more information.

College in the High School & CTE Dual Credit

Per RCW 28A.230.740 and WAC 180-51-050 the quarter college credit equivalency impacts how many high school credits are earned on the high school transcript. Students may earn more high school credits for some of the CiHS or CTE Dual Credit courses depending on how many college credits the course covers. If you select any of these courses, be sure to look at how much credit the course is worth. The more credits, the higher the weight the grade earned, and the class will have on your cumulative GPA.

Credit Recovery or Enhancement via MSHS Online Learning Program

Edgenuity provides accredited curriculum, Washington State certified, highly qualified teachers and instruction for online students. Your counselor can help you integrate online courses into your academic plan to achieve your goal of earning a high school diploma from Mount Si High School.

Please see our Online Learning Program website for more information: <https://mshs.svsd410.org/academics/online-learning-program/online-learning-home>

Full-Time Schedule Requirements

Full-time Mount Si High School students must be enrolled in all seven periods in grades 9 and 10 and enrolled in at least six consecutive periods in grades 11 and 12.

Please note: A 'reduced schedule waiver' form must be signed prior to the 7th class being dropped, see your counselor for more information.

Full-time Running Start students must meet the college's definition of full-time enrollment. Students who do not meet the full-time enrollment will need to complete the requirement with high school-based courses.

Athletes should also consult their athletic handbook for guidance on meeting the "full-time high school credit" requirements.

Schedule Correction Process

As personnel, facilities and resources are assigned based on student's course selections, it is imperative that students select their classes in a serious and responsible manner (including alternatives), as every effort will be made to ensure that students are scheduled into their pre-selected classes. Ultimately, the number of students who have selected a course, teacher availability, and resource constraints determine courses offered during the school year.

Changes to student schedules create an impact on many other courses and therefore will only be made on a limited basis. Therefore, the Administration has established the following schedule correction process to promote academic success for students.

Schedule corrections requests must be submitted via the online request form posted on the school's website within the first 5 days of the semester. Valid reasons for student/parent/guardian-initiated schedule corrections are strictly limited to:

- Duplicate period error (i.e., two classes during the same period are listed on your schedule).
- Incomplete schedule (i.e., missing class period(s) on your schedule). A senior missing a class required for graduation.
- Inappropriate academic placement (e.g., you are in Algebra 2 but have not taken Geometry).
- A student placed in an elective class they did not request, either as primary or alternative.
- A student has a physical/medical reason, documented by a medical professional, that prevents participation in class.

Desire to have a common lunch with a friend, to be in the same class with a friend, to have a different teacher, preference for a different elective, or similar personal preferences do not fit within the criteria listed above as valid reasons for schedule corrections.

Schedule correction requests after the first 5 days of the semester must go through the student's counselor who will work with the student's current and prospective new teacher. The outcome of this process could result in staying in the original class or withdrawing from the class with a "W" or "F" on the student's transcript.

Withdrawing from School

The student's parent or guardian should call the Counseling Center and speak with a registrar when withdrawing a student.

Student withdraws without confirmation of enrollment in a new school require a written letter or email before the student is withdrawn. The letter should contain the last date the student will be on campus and the name and address of the new school. Students withdrawing before the end of a semester will receive a "W" in place of any grades. Withdraw percentages will be collected and sent to the new school upon request.

The student laptop, all books, and ASB card will need to be returned to staff and library, as well as all fees/fines paid, before an official transcript and school records can be sent to the new school.

Dual Credit Programs

MSSH offers students a variety of dual credit opportunities which provides students with an opportunity to earn college credit AND high school credit simultaneously. Dual credit options include Advanced Placement (AP), College in the High School, Running Start, CTE Dual Credit, and WANIC.

Advanced Placement (AP)

AP classes are college-level courses that offer students the opportunity to earn college credit in high school. Students learn at a faster pace and study subjects further in depth. To qualify for college credit, students must take the optional corresponding AP exam and obtain a credit-qualifying score. Qualifying scores differ by college/university.

Visit the [College Board Website](#) for additional AP information.

| AP COURSE SUMMARY (LISTED WITH CHS TITLE IF TAUGHT CONCURRENTLY) |
|--|
| AP Art History |
| AP Biology /BIOL& 160 |
| AP Business with Personal Finance |
| AP Calculus AB/MATH& 151 |
| AP Calculus BC/MATH& 152 |
| AP Chemistry |
| AP Computer Science A |
| AP Computer Science Principles |
| AP English Language/ENGL& 101, ENGL& 244 |
| AP English Literature/ENGL& 111, ENGL& 247 |
| AP Environmental Science/ENVS& 100 |
| AP European History/HIST 105 & HIST 106 |
| AP Government & Politics/POLI 100 & POLI 203 |
| AP Human Geography |
| AP Music Theory (may be taught alternate years) |
| AP Physics 1/PHYS 111 & 112 |
| AP Physics C: Electricity & Magnetism/PHYS 113 |
| AP Physics C: Mechanics |
| AP Precalculus/Math& 141, M142 |
| AP Psychology/PSYC& 100 |
| AP Spanish |
| AP Statistics/MATH 130 |
| AP Studio Art: 2D Design |
| AP Studio Art: Drawing |
| AP Studio Art: 3D Design |
| AP U.S. History/HIST 111 & HIST 112 |
| AP World History/HIST 102 |

College in the High School (CHS)

Local colleges and universities have cooperative arrangements with school districts to offer their courses in high school. At Mt Si, approved faculty members teach the College in the High School (CHS) courses listed in the table below.

Please note: By registering with the related community college or university to earn college credit, a student is automatically starting their official college transcript with the institution offering the course. Effective 2023-24 school year, there are no fees or tuition associated with College in the High School classes. Participating colleges:

- BC= Bellevue College
- CWU= Central Wash University
- EWU=Easter Wash University
- UW=University of Washington

| CHS COURSES (LISTED WITH COLLEGE COURSE TITLE) | College Issuing Credit | MSSH Credits | College Credits |
|--|------------------------|--------------|-----------------|
| ASTR 150A&101/Astronomy & Meteor | UW | 2.0 | 10 |
| BIOL& 160/AP Biology | BC | 1.2 | 6 |
| ENGL& 101&244/AP English Lang | BC | 2.0 | 10 |
| ENGL& 247&111/AP English Lit | BC | 2.0 | 10 |
| ENVS&100/AP Environmental Science | BC | 1.0 | 5 |
| FRCH& 123/French 3 | BC | 1.0 | 5 |
| GERM 103/German 3 | EWU | 1.0 | 5 |
| HIST 102 & 103/World History | EWU | 2.0 | 10 |
| HIST 105 & 106/AP European History | EWU | 2.0 | 10 |
| HIST 111 & 112/AP US History | EWU | 2.0 | 10 |
| INST 200/Contemp World Problems | EWU | .8 | 4 |
| MATH 130/AP Statistics | BC | 1.0 | 5 |
| MATH& 141 & 142/AP Precalculus | BC | 2.0 | 10 |
| MATH& 151/AP Calculus AB | BC | 1.0 | 5 |
| MATH& 152/AP Calculus BC | BC | 1.0 | 5 |
| PHYS 111 & 112/AP Physics 1 | CWU | 2.0 | 10 |
| PHYS 113/AP Physics C E&M | CWU | 1.0 | 5 |
| POLI 100/Civics | EWU | 1.0 | 5 |
| POLI 100 & 203/AP Government | EWU | 2.0 | 10 |
| PSYC&100/AP Psychology | EWU | 1.0 | 5 |
| SPAN 103/Spanish 3 | EWU | 1.0 | 5 |
| SPAN 201/Spanish 4 | EWU | 1.0 | 5 |

CTE Dual Credit

CTE Dual Credit courses allow students to earn college credit in a high school class. These courses also provide students with technical skills that prepare them for advanced degrees or professional-technical careers. Credits **will** transfer within WA state community/technical college system. Transferability to four-year colleges varies by institution. Students should contact their specific four-year institution for confirmation. To receive college credit students must:

- Complete a course with a grade of 'B' or better.
- **Register** through SERS: www.CTESERS.org and pay a \$50 fee through PNWCollegecredit.org
- ****Register for Renton Tech courses:**
[Renton Tech CTE Dual Credit Registration](#)

Visit the MSHS Counseling Center website for live links to CTE Dual Credit Resources.

Arts & Communication

| Mt Si Course Name | College | MSHS Credits | College Credits |
|---|---------|--------------|-----------------|
| Digital Media Arts Academy (Animation & Game) | BC | 1.0 | 5 |
| Digital Media Arts Academy (Filmmaking) | BC | 1.0 | 5 |
| Digital Media Arts Academy (Graphic Design) | BC | 1.0 | 5 |
| Photography 1 | LWIT | .8 | 4 |
| TV Production | BC | 1.0 | 5 |
| Yearbook/Publishing | BC | 1.0 | 5 |

Business & Industry

| Mt Si Course Name | College | MSHS Credits | College Credits |
|-------------------------|-------------|--------------|-----------------|
| Applied Algebra 2 | Renton Tech | 1.0 | 5 |
| Financial Algebra | Renton Tech | 1.0 | 5 |
| Personal Finance | BC | .6 | 3 |
| Social Media Marketing | BC | 1.0 | 5 |
| Sports Marketing | BC | .5 | 2 |
| Principles of Marketing | BC | 1.0 | 5 |
| Advanced Marketing | BC | 2.4 | 12 |

Engineering & Technology

| Mt Si Course Name | College | MSHS Credits | College Credits |
|--------------------------------|---------|--------------|-----------------|
| AP Computer Science A | BC | 1.0 | 5 |
| AP Computer Science Principles | BC | 1.0 | 5 |
| Intro to Computer Science | BC | 1.0 | 5 |
| Welding/Metals & Mfg. 2 | LWIT | 2.6 | 13 |

Health & Human Services

| Mt Si Course Name | College | MSHS Credits | College Credits |
|--------------------|---------|--------------|-----------------|
| American Law | BC | 1.0 | 5 |
| Human Body Systems | BC | 1.0 | 5 |
| Criminal Justice | BC | 1.0 | 5 |
| Baking & Pastry 1 | LWIT | 2.0 | 10 |
| Culinary Arts 1 | LWIT | 2.0 | 10 |
| Forensic Science | BC | 1.0 | 5 |
| Sports Medicine 1 | BC | 1.0 | 2 |

Science & Natural Resources

| Mt Si Course Name | College | MSHS Credits | College Credits |
|---------------------------|---------|--------------|-----------------|
| AP Environmental Science | LWIT | 1.0 | 4 |
| Ornamental Horticulture 1 | LWIT | 1.0 | 4 |
| Ornamental Horticulture 2 | LWIT | 1.0 | 4 |
| Ornamental Horticulture 3 | LWIT | 1.0 | 4 |

CTE 'Two for One' Policy

The below courses can satisfy two graduation requirements at student request. Students enrolled in these classes should meet with their counselor to confirm that the graduation requirements have appropriately been posted to their transcript.

CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.

| Course Name | CTE | Fine Art | Health | Math | PE | Science | Soc. St. |
|---|-----|----------|--------|------|----|---------|----------|
| ANIMAL SCIENCE 1, 2, & ADVANCED | • | | | | | • | |
| AGRISCIENCE, INTRO TO | • | | | | | • | |
| AMERICAN LAW | • | | | | | | • |
| AP COMPUTER SCIENCE A | • | | | • | | | |
| AP COMPUTER SCIENCE PRINCIPLES | • | | | • | | | |
| AP ENVIRONMENTAL SCIENCE/CHS | • | | | | | • | |
| AP PSYCHOLOGY | • | | | | | | • |
| AP STUDIO ART: 3-D DESIGN | • | • | | | | | |
| BAKING AND PASTRY 1 & 2 | • | • | | | | | |
| CERAMICS, BEGINNING | • | • | | | | | |
| CONSTRUCTION TRADES | • | • | | | | | |
| CRIMINAL JUSTICE | • | | | | | | • |
| CULINARY ARTS 1 & 2 | • | • | | | | | |
| DIGITAL MEDIA ARTS, INTRO TO | • | • | | | | | |
| DIGITAL MEDIA ARTS ACADEMY 1, 2, 3 | • | • | | | | | |
| ECONOMICS | • | | | | | | • |
| ENGINEERING ESSENTIALS | • | • | | | | | |
| ENGINEERING DESIGN, INTRO TO | • | • | | | | | |
| FINANCIAL ALGEBRA | • | | | • | | | |
| FORENSIC SCIENCE | • | | | | | • | |
| HEALTH | • | | • | | | | |
| HUMAN BODY SYSTEMS | • | | | | | • | |
| MEDICAL INTERVENTIONS | • | | | | | • | |
| MUSIC TECHNOLOGY | • | • | | | | | |
| ORNAMENTAL HORTICULTURE 1, 2, & 3 | • | | | | | • | |
| PHOTOGRAPHY 1, 2, 3, & 4 | • | • | | | | | |
| POTTERY 1 & 2 | • | • | | | | | |
| PRINCIPLES OF BIOMEDICAL SCIENCE | • | | | | | • | |
| PSYCHOLOGY | • | | | | | | • |
| SAE (Supervised Agricultural Experience) | • | | | | | • | |
| SCULPTURE 1 & 2 | • | • | | | | | |
| TELEVISION PRODUCTION 1 & 2 | • | • | | | | | |
| THEATRE TECH | • | • | | | | | |
| WELDING, 1,2, & ADVANCED (CORE PLUS MARITIME) | • | • | | | | | |
| WOODWORKING 1 & 2 | • | • | | | | | |

Fees

The following fees are paid to MSHS. There may be other fees for courses or exams which are not paid to our school. Check course descriptions for these situations. Fees are subject to change.

| COURSE | FEE |
|---------------------------------------|---|
| <u>CTE</u> | |
| Marketing, Advanced | <i>Fees for activities assessed as they occur</i> |
| Photography (all levels) | Possible printing costs |
| <u>MUSIC</u> | |
| Band or Choir | \$35 Jacket fee new or replacement |
| <u>OTHER COURSE FEES</u> | |
| Online Grade Enhancement | \$400 per course |
| Online Credit Recovery | \$250 per course |
| Online Reactivation | \$40 |
| PE Classes | Fine issued if supplied lock is lost |
| Summer School Enhancement | \$350 per course |
| Summer School Recovery | \$300 per course |
| Traffic Safety Education (drivers ed) | \$480 <i>(subject to change)</i> |

All student fees/fines must be paid during the school year in which they are incurred. Students may not participate in any school activity until all fees/fines from previous years have been paid. This includes school-sponsored athletics and dances. Most fees are non-refundable. Books reported lost cannot be returned for credit against a fine beyond the school year in which they were checked out. The district is required to make every effort to collect delinquent fees & fines. Consequently, fees/fines that remain unpaid after the end of the school year may be turned over to an attorney and/or collection agency. Parents will be notified of past-due fines.

SENIORS with unpaid fees/fines will not be allowed to participate in the graduation ceremony and must complete payment to collect their diploma.

ALL FEES/COSTS SUBJECT TO CHANGE

UPDATED:01/28/2025

Summary Course List

| 9 | 10 | 11 | 12 | Course Name | Length | Prerequisite | College Credit | Elective | Fine Art | Health | Language Arts | Math | Occ Ed | PE | Science | Soc. St. | World Lang. | NCAA |
|---|----|----|----|---|--------|--------------|----------------|----------|----------|--------|---------------|------|--------|----|---------|----------|-------------|------|
| ✓ | ✓ | ✓ | ✓ | AGRISCIENCE, INTRO TO | Y | | | ● | | | | | ● | | ● | | | |
| ✓ | ✓ | ✓ | ✓ | ALGEBRA 1 | Y | | | ● | | | | ● | | | | | | ● |
| ✓ | ✓ | ✓ | ✓ | ALGEBRA 2 | Y | ◆ | | ● | | | | ● | | | | | | ● |
| ✓ | ✓ | ✓ | ✓ | ALGEBRA 2, PRE-AP | Y | ◆ | | ● | | | | ● | | | | | | ● |
| ✓ | ✓ | ✓ | ✓ | AMERICAN LAW | S | | ● | ● | | | | | ● | | | ● | | ● |
| | | ✓ | | AMERICAN LITERATURE | Y | | | ● | | | ● | | | | | | | ● |
| | ✓ | ✓ | ✓ | ANIMAL SCIENCE 1, ADVANCED | Y | ◆ | | ● | | | | | ● | | ● | | | |
| | | ✓ | ✓ | ANIMAL SCIENCE 2, ADVANCED | Y | ◆ | | ● | | | | | ● | | ● | | | |
| ✓ | ✓ | ✓ | ✓ | ANIMAL SCIENCE, INTRO TO | S | | | ● | | | | | ● | | ● | | | |
| ✓ | ✓ | ✓ | ✓ | ANIMAL SCIENCE 2 | S | ◆ | | ● | | | | | ● | | ● | | | |
| | ✓ | ✓ | ✓ | AP ART HISTORY | Y | ◆ | ● | ● | ● | | | | | | | | | ● |
| | ✓ | ✓ | ✓ | AP BIOLOGY/CHS | Y | ◆ | ● | ● | | | | | | | ● | | | ● |
| ✓ | ✓ | ✓ | ✓ | AP BUSINESS W/PERSONAL FINANCE | Y | | ● | ● | | | | | ● | | | | | ● |
| | | ✓ | ✓ | AP CALCULUS AB/CHS | Y | ◆ | ● | ● | | | | ● | | | | | | ● |
| | | | ✓ | AP CALCULUS BC/CHS | Y | ◆ | ● | ● | | | | ● | | | | | | ● |
| | | ✓ | ✓ | AP CHEMISTRY | Y | ◆ | ● | ● | | | | | | | ● | | | ● |
| | | ✓ | ✓ | AP COMPUTER SCIENCE A | Y | ◆ | ● | ● | | | | ● | ● | | | | | |
| | ✓ | ✓ | ✓ | AP COMPUTER SCIENCE PRINCIPLES | Y | ◆ | ● | ● | | | | ● | ● | | | | | |
| | | ✓ | | AP ENGLISH LANGUAGE/CHS | Y | ◆ | ● | ● | | | ● | | | | | | | ● |
| | | | ✓ | AP ENGLISH LITERATURE/CHS | Y | ◆ | ● | ● | | | ● | | | | | | | ● |
| | ✓ | ✓ | ✓ | AP ENVIRONMENTAL SCIENCE/CHS | Y | | ● | ● | | | | | ● | | ● | | | ● |
| | ✓ | ✓ | ✓ | AP EUROPEAN HISTORY | Y | | ● | ● | | | | | | | | ● | | ● |
| | | ✓ | ✓ | AP GOV & POLITICS/CHS | Y | | ● | ● | | | | | | | | ● | | ● |
| ✓ | | | | AP HUMAN GEOGRAPHY | Y | | ● | ● | | | | | | | | ● | | ● |
| | ✓ | ✓ | ✓ | AP MUSIC THEORY (alternate years) | Y | ◆ | ● | ● | ● | | | | | | | | | |
| | | ✓ | ✓ | AP PHYSICS 1/CHS | Y | ◆ | ● | ● | | | | | | | ● | | | ● |
| | | ✓ | ✓ | AP PHYSICS C: ELECTRICITY & MAGNETISM/CHS | Y | ◆ | ● | ● | | | | | | | ● | | | ● |

| 9 | 10 | 11 | 12 | Course Name | Length | Prerequisite | College Credit | Elective | Fine Art | Health | Language Arts | Math | Occ Ed | PE | Science | Soc. St. | World Lang. | NCAA |
|---|----|----|----|------------------------------|--------|--------------|----------------|----------|----------|--------|---------------|------|--------|----|---------|----------|-------------|------|
| | | ✓ | ✓ | AP PHYSICS C: MECHANICS | Y | ◆ | ● | ● | | | | | | | ● | | | ● |
| | ✓ | ✓ | ✓ | AP PSYCHOLOGY | Y | | ● | ● | | | | | ● | | | ● | | ● |
| | ✓ | ✓ | ✓ | AP PRE-CALCULUS/CHS | Y | ◆ | ● | ● | | | | ● | | | | | | ● |
| | | | ✓ | AP SPANISH | Y | ◆ | ● | ● | | | | | | | | | ● | ● |
| | ✓ | ✓ | ✓ | AP STATISTICS/CHS | Y | ◆ | ● | ● | | | | ● | | | | | | ● |
| | | ✓ | ✓ | AP STUDIO ART: 2-D DESIGN | Y | ◆ | ● | ● | ● | | | | | | | | | |
| | | ✓ | ✓ | AP STUDIO ART: DRAWING | Y | ◆ | ● | ● | ● | | | | | | | | | |
| | | ✓ | ✓ | AP STUDIO ART: 3-D DESIGN | Y | ◆ | ● | ● | ● | | | | ● | | | | | |
| | | ✓ | | AP U. S. HISTORY/CHS | Y | | ● | ● | | | | | | | | ● | | ● |
| | ✓ | | | AP WORLD HISTORY | Y | | ● | ● | | | | | | | | ● | | ● |
| | | ✓ | ✓ | APPLIED OFFICE ASSISTANT | S | ◆ | | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | ART, BEGINNING | S | | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | ART JOURNALING | S | | | ● | ● | | | | | | | | | |
| | ✓ | ✓ | ✓ | ASTRONOMY/CHS | Y | ◆ | ● | ● | | | | | | | ● | | | ● |
| | ✓ | ✓ | ✓ | BAKING AND PASTRY 1 | Y | ◆ | ● | ● | ● | | | | ● | | | | | |
| | | ✓ | ✓ | BAKING AND PASTRY 2 | Y | ◆ | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | BELLA VOCE CHOIR | Y | ◆ | | ● | ● | | | | | | | | | |
| | ✓ | ✓ | ✓ | BEL CANTO CHOIR | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | | | | BIG HISTORY | Y | | | ● | | | | | | | | ● | | ● |
| ✓ | | | | BIOLOGY w/EARTH SYSTEMS | Y | | | ● | | | | | | | ● | | | ● |
| | | | ✓ | BRIDGE TO COLLEGE/ENGLISH 12 | Y | | | ● | | | ● | | | | | | | ● |
| | | ✓ | ✓ | CALCULUS | Y | ◆ | | ● | | | | ● | | | | | | ● |
| | ✓ | ✓ | ✓ | CAMERATA CHOIR | Y | ◆ | | ● | ● | | | | | | | | | |
| | | ✓ | ✓ | CAREERS IN EDUCATION | Y | | | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | CERAMICS, BEGINNING | S | | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | CHEMISTRY | Y | ◆ | | ● | | | | | | | ● | | | ● |
| | | | ✓ | CIVICS/CHS | S | | ● | ● | | | | | | | | ● | | ● |
| ✓ | ✓ | ✓ | ✓ | COLLEGE CAREER SEMINAR | Y | ◆ | | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | COMPUTER SCIENCE, INTRO | S | | ● | ● | | | | | ● | | | | | |
| | | ✓ | ✓ | COMPUTER VIDEO GAME DEV | S | | ● | ● | | | | | ● | | | | | |

| 9 | 10 | 11 | 12 | Course Name | Length | Prerequisite | College Credit | Elective | Fine Art | Health | Language Arts | Math | Occ Ed | PE | Science | Soc. St. | World Lang. | NCAA |
|---|----|----|----|------------------------------------|--------|--------------|----------------|----------|----------|--------|---------------|------|--------|----|---------|----------|-------------|------|
| ✓ | | | | CONCERT BAND | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | | | | CONCERT CHOIR | Y | | | ● | ● | | | | | | | | | |
| | ✓ | ✓ | ✓ | CONTEMP WORLD PROBLEMS/CHS | S | | ● | ● | | | | | | | | ● | | ● |
| | ✓ | ✓ | ✓ | CONSTRUCTION TRADES | Y | ◆ | | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | CRIMINAL JUSTICE | S | | ● | ● | | | | | ● | | | ● | | ● |
| | ✓ | ✓ | ✓ | CULINARY ARTS 1 | Y | ◆ | ● | ● | ● | | | | ● | | | | | |
| | | ✓ | ✓ | CULINARY ARTS 2 | Y | ◆ | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | CYBERSECURITY | Y | | | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | DIGITAL MEDIA ARTS ACADEMY, INTRO | S | | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | DIGITAL MEDIA ARTS ACADEMY 1, 2, 3 | Y | ◆ | ● | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | DRAWING 1 | S | ◆ | | ● | ● | | | | | | | | | |
| | ✓ | ✓ | ✓ | DRAWING 2 | S | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | DRAMA/THEATRE 1 | S | | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | DRAMA/THEATRE 2 | S | ◆ | | ● | ● | | | | | | | | | |
| | ✓ | ✓ | ✓ | ECONOMICS | S | ◆ | | ● | | | | | ● | | | ● | | |
| ✓ | ✓ | ✓ | ✓ | ENGINEERING ESSENTIALS | Y | ◆ | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | ENGINEERING DESIGN, INTRO TO | Y | ◆ | ● | ● | ● | | | | ● | | | | | |
| ✓ | | | | ENGLISH 9 | Y | | | ● | | | ● | | | | | | | ● |
| ✓ | | | | ENGLISH 9, PRE-AP | Y | | | ● | | | ● | | | | | | | ● |
| | ✓ | | | ENGLISH 10 | Y | | | ● | | | ● | | | | | | | ● |
| | ✓ | | | ENGLISH 10, PRE-AP | Y | | | ● | | | ● | | | | | | | ● |
| | | | ✓ | ENGLISH 12 LITERATURE | Y | | | ● | | | ● | | | | | | | ● |
| ✓ | ✓ | ✓ | ✓ | ENGLISH LANGUAGE DEVELOPMENT | Y | ◆ | | ● | | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | ENRICHMENT 1 | Y | ◆ | | ● | | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | ENRICHMENT 2 | Y | ◆ | | ● | | | | | | | | | | |
| | | ✓ | ✓ | FINANCIAL ALGEBRA | Y | | ● | ● | | | | ● | ● | | | | | |
| ✓ | | | | FIT FOR LIFE | Y | | | ● | | | | | | ● | | | | |
| | ✓ | ✓ | ✓ | FORENSIC SCIENCE | Y | | ● | ● | | | | | ● | | ● | | | ● |
| ✓ | ✓ | ✓ | ✓ | FOUNDATIONS OF FOOD | S | | | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | FRENCH 1 | Y | | | ● | | | | | | | | | ● | ● |

| 9 | 10 | 11 | 12 | Course Name | Length | Prerequisite | College Credit | Elective | Fine Art | Health | Language Arts | Math | Occ Ed | PE | Science | Soc. St. | World Lang. | NCAA |
|---|----|----|----|-----------------------------------|--------|--------------|----------------|----------|----------|--------|---------------|------|--------|----|---------|----------|-------------|------|
| | ✓ | ✓ | ✓ | FRENCH 2 | Y | ◆ | | ● | | | | | | | | | ● | ● |
| | | ✓ | ✓ | FRENCH 3/CHS | Y | ◆ | ● | ● | | | | | | | | | ● | ● |
| | | | ✓ | FRENCH 4 | Y | ◆ | | ● | | | | | | | | | ● | ● |
| ✓ | ✓ | ✓ | ✓ | GEOMETRY | Y | ◆ | | ● | | | | ● | | | | | | ● |
| ✓ | ✓ | ✓ | ✓ | GERMAN 1 | Y | | | ● | | | | | | | | | ● | ● |
| | ✓ | ✓ | ✓ | GERMAN 2 | Y | ◆ | | ● | | | | | | | | | ● | ● |
| | | ✓ | ✓ | GERMAN 3/CHS | Y | ◆ | ● | ● | | | | | | | | | ● | ● |
| | | | ✓ | GERMAN 4 | Y | ◆ | | ● | | | | | | | | | ● | ● |
| | ✓ | ✓ | ✓ | HEALTH | S | | | ● | | ● | | | ● | | | | | |
| | ✓ | ✓ | ✓ | HUMAN BODY SYSTEMS | Y | ◆ | ● | ● | | | | | ● | | ● | | | ● |
| | ✓ | ✓ | ✓ | INTERMEZZO CHOIR | Y | | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | JAZZ ENSEMBLE (ALL LEVELS) | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | LEADERSHIP & PROJECT MANAGEMENT | Y | | | ● | | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | LEADERSHIP & PROJECT MANAGEMENT 2 | Y | | | ● | | | | | ● | | | | | |
| | | ✓ | ✓ | MARINE SCIENCE: OCEANOGRAPHY | Y | ◆ | | ● | | | | | | | ● | | | ● |
| | ✓ | ✓ | ✓ | MARKETING, ADV (SCHOOL STORE) | Y | ◆ | ● | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | MARKETING, PRINCIPLES OF | S | | ● | ● | | | | | ● | | | | | |
| | | ✓ | ✓ | MARKETING, RETAIL MANAGEMENT | Y | ◆ | | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | MARKETING, SOCIAL MEDIA | S | | ● | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | MARKETING, SPORTS & ENTERTAINMENT | S | | ● | ● | | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | MATH 1, 2, 3, or 4 | Y | ◆ | | ● | | | | ● | | | | | | |
| | | ✓ | ✓ | MEDICAL INTERVENTIONS | Y | ◆ | | ● | | | | | ● | | ● | | | |
| ✓ | ✓ | ✓ | ✓ | MUSIC CREATIVITY & COLLABORATION | S | | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | MUSIC TECHNOLOGY | Y | | | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | MUSICAL THEATER | S | | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | ORNAMENTAL HORTICULTURE 1 | Y | | ● | ● | | | | | ● | | ● | | | |
| | ✓ | ✓ | ✓ | ORNAMENTAL HORTICULTURE 2 | Y | ◆ | ● | ● | | | | | ● | | ● | | | |
| | | ✓ | ✓ | ORNAMENTAL HORTICULTURE 3 | Y | ◆ | ● | ● | | | | | ● | | ● | | | |
| ✓ | ✓ | ✓ | ✓ | ORCHESTRA | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | PAINTING 1 | S | ◆ | | ● | ● | | | | | | | | | |

| 9 | 10 | 11 | 12 | Course Name | Length | Prerequisite | College Credit | Elective | Fine Art | Health | Language Arts | Math | Occ Ed | PE | Science | Soc. St. | World Lang. | NCAA |
|---|----|----|----|--|--------|--------------|----------------|----------|----------|--------|---------------|------|--------|----|---------|----------|-------------|------|
| | ✓ | ✓ | ✓ | PAINTING 2 | S | ◆ | | ● | ● | | | | | | | | | |
| | | ✓ | ✓ | PEER TUTOR - ALL SUBJECTS | S | | | ● | | | | | ● | | | | | |
| | | ✓ | ✓ | PEER TUTOR LIFESKILLS | S | | | ● | | | | | ● | ● | | | | |
| ✓ | ✓ | ✓ | ✓ | PERCUSSION ENSEMBLE/DRUMLINE | Y | ◆ | | ● | ● | | | | | | | | | |
| | | ✓ | ✓ | PERSONAL FINANCE | S | | ● | ● | | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | PERSONAL FITNESS | S | | | ● | | | | | | ● | | | | |
| ✓ | ✓ | ✓ | ✓ | PHOTOGRAPHY 1 | S | | ● | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | PHOTOGRAPHY 2 | S | ◆ | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | PHOTOGRAPHY 3 & 4 | S | ◆ | | ● | ● | | | | ● | | | | | |
| | | ✓ | ✓ | PHYSICS | Y | ◆ | | ● | | | | | | | ● | | | ● |
| ✓ | ✓ | ✓ | ✓ | PIANO 1 | S | | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | PIANO 2 | S | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | POTTERY 1 | S | ◆ | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | POTTERY 2 | S | ◆ | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | PRE CALCULUS | Y | | | ● | | | | ● | | | | | | ● |
| | ✓ | ✓ | ✓ | PRODUCTION LAB | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | PRINCIPLES OF BIOMEDICAL SCIENCE | Y | | | ● | | | | | ● | | ● | | | ● |
| | ✓ | ✓ | ✓ | PSYCHOLOGY | S | | | ● | | | | | ● | | | ● | | ● |
| ✓ | ✓ | ✓ | ✓ | ROBOTICS | Y | ◆ | | ● | | | | | ● | | | | | |
| | | ✓ | ✓ | SAE (Supervised Agricultural Experience) | S | ◆ | | ● | | | | | ● | | ● | | | |
| ✓ | ✓ | ✓ | ✓ | SCULPTURE 1 | S | ◆ | | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | SCULPTURE 2 | S | ◆ | | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | SOCIAL HEALTH | Y | | | ● | | | | | | | | | | |
| | ✓ | ✓ | ✓ | SOCIOLOGY | S | | | ● | | | | | | | | ● | | |
| ✓ | ✓ | ✓ | ✓ | SPANISH 1 | Y | | | ● | | | | | | | | | ● | ● |
| ✓ | ✓ | ✓ | ✓ | SPANISH 2 | Y | ◆ | | ● | | | | | | | | | ● | ● |
| | ✓ | ✓ | ✓ | SPANISH 3/CHS | Y | ◆ | ● | ● | | | | | | | | | ● | ● |
| | | ✓ | ✓ | SPANISH 4/CHS | Y | ◆ | ● | ● | | | | | | | | | ● | ● |
| ✓ | ✓ | ✓ | ✓ | SPANISH, HERITAGE | Y | | | ● | | | | | | | | | ● | |
| | ✓ | ✓ | ✓ | SPANISH, HERITAGE 2 | Y | | | ● | | | | | | | | | ● | |

| 9 | 10 | 11 | 12 | Course Name | Length | Prerequisite | College Credit | Elective | Fine Art | Health | Language Arts | Math | Occ Ed | PE | Science | Soc. St. | World Lang. | NCAA |
|---|----|----|----|--|--------|--------------|----------------|----------|----------|--------|---------------|------|--------|----|---------|----------|-------------|------|
| | ✓ | ✓ | ✓ | SPORTS & CONDITIONING | S | | | ● | | | | | | ● | | | | |
| | ✓ | ✓ | ✓ | SPORTS MEDICINE 1 | Y | | ● | ● | | | | | ● | | | | | |
| | | ✓ | ✓ | SPORTS MEDICINE 2 | Y | ◆ | ● | ● | | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | STRENGTH & CONDITIONING | S | | | ● | | | | | | ● | | | | |
| | | ✓ | ✓ | STUDENT TECH SUPPORT SPECIALIST | S | | | ● | | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | SYMPHONIC BAND | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | SYMPHONIC WINDS | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | TELEVISION PRODUCTION 1,2 | Y | | ● | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | THEATRE TECH | Y | | | ● | ● | | | | ● | | | | | |
| | | ✓ | | U.S. HISTORY | Y | | | ● | | | | | | | | ● | | ● |
| ✓ | ✓ | ✓ | ✓ | VOCAL JAZZ ENSEMBLE 1&2 | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | VOCAL JAZZ WORKSHOP | S | | | ● | ● | | | | | | | | | |
| | ✓ | ✓ | ✓ | WELDING, ADVANCED (CORE PLUS MARITIME) | Y | ◆ | | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | WELDING/METALS & MANUF. TEC. 1 | S | | | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | WELDING/METALS & MANUF. TEC. 2 | S | ◆ | ● | ● | ● | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | WIND ENSEMBLE | Y | ◆ | | ● | ● | | | | | | | | | |
| ✓ | ✓ | ✓ | ✓ | WOODWORKING 1 | S | | | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | WOODWORKING 2 | S | ◆ | | ● | ● | | | | ● | | | | | |
| ✓ | ✓ | ✓ | ✓ | WORLD DRUMMING | S | | | ● | ● | | | | | | | | | |
| | ✓ | | | WORLD HISTORY | S | | | ● | | | | | | | | ● | | ● |
| | ✓ | | | WORLD HISTORY/CHS | Y | | ● | ● | | | | | | | | ● | | ● |
| | ✓ | ✓ | ✓ | WORLD WAR II, HISTORY OF | S | | | ● | | | | | | | | ● | | |
| ✓ | ✓ | ✓ | ✓ | YEARBOOK PRODUCTION | Y | ◆ | ● | ● | | | | | ● | | | | | |
| | ✓ | ✓ | ✓ | YOGA & CONDITIONING | S | | | ● | | | | | | ● | | | | |

(CTE) Career & Technical Ed Courses

*CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept at admissions. Check the admissions requirement for each college/university you are interested in.

ADVANCED ANIMAL SCIENCE 1

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., Lab Sci, or Elect

PREREQUISITE: Successful completion of Animal Science 1 & 2

HOMEWORK: Minimal to 30 mins per week

PURPOSE: This year-long lab science course builds on the concepts learned in Animal Science 1 & 2. This class will focus on animal health, animal pathology, and animal production. Topics include animal anatomy and systems dissections, animal behavior, handling techniques, advanced nutrition, advanced disease pathology and control, safety and sanitation in the animal laboratory, animal reproductive anatomy and breeding programs. Students are responsible for the demonstration of skills and competencies through labs, scientific research, and assessment of classroom projects. Upon successful completion of the program, optional testing is available for students to become a level 1 Certified Veterinary Assistant through the Texas Medical Veterinary Association. (See instructor for details.) Students may also receive additional opportunities for mentorships, internships, and scholarships through local companies/labs. Students must be able to work in a team/group environment and be able to stay focused and self-directed. Membership in the FFA student leadership club is included with this course. Special Requirements: Students must also have a willingness to study and work indoors and outdoors with animals.
Cost: \$20/Year, lab fee, FFA membership

ADVANCED ANIMAL SCIENCE 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Lab Sci or Elect

PREREQUISITE: Successful completion of Animal Science 1 & 2 **and** Advanced Animal Science 1

HOMEWORK: Minimal to 30 mins per week

PURPOSE: This year long lab science course builds and expands on the concepts learned in Advance Animal Science 1 and will focus on literacy and leadership in agriculture, clinical exams and animal handling, veterinary tools, problem solving, and team activities. Topics include animal physiology, animal behavior, animal handling techniques, veterinary hospital procedures, pharmacology, and veterinary medical equipment and terminology. Students are responsible for the demonstration of skills and competencies through labs, scientific research, and assessment of classroom projects.

Upon successful completion of the program, optional testing is available for students who wish to obtain the Elanco Veterinary Medical Applications industry certification. Students who wish to obtain the Elanco Veterinary Medical Applications industry certification. Students must be able to work in a team/group environment and be able to stay focused and self-directed. As with all agriculture courses, instruction, and assessment in the Supervised Agricultural Experience (SAE) is a requirement.
Cost: \$20/Year, lab fee, FFA membership

AGRISCIENCE, INTRO TO

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Science, Occ. Ed., Elective

HOMEWORK: Minimal

PURPOSE: This course provides students with the Introduction to Agriscience course where they will learn in an inquiry-based environment about the science of agriculture, plants, animals, natural resources, and food science. The course is structured to enable all students to have a variety of experiences that will provide an overview of the fields of agricultural science, natural resources, and food science. Students will learn to solve problems, conduct research, analyze data, and apply their learning to real-world situations.

SKILLS DEVELOPED: Students practice written and oral communications while investigating current issues related to agricultural science, natural resources, and food science. Membership in the FFA student leadership club is available to students enrolled in this course

AMERICAN LAW

Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed./Soc Studies/Elective

PREREQUISITE: None

HOMEWORK: 30 mins / week

PURPOSE: The American Law course offers an engaging and comprehensive introduction to our legal system, covering essential topics such as constitutional structure, torts (personal injury), civil rights (specifically, the first-, second-, and fourth amendments), criminal law, contracts and corporations. Through a combination of lectures, real-world examples, and interactive assignments, students will develop



critical thinking, reading comprehension, and legal writing skills. The course is designed to be valuable for all students, regardless of their career goals, by providing practical knowledge about their rights and responsibilities under the law. **CLASS VIDEO:** [American Law](#)

ANIMAL SCIENCE, INTRO TO

Length/Credit: Semester / .5 credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ Ed, Lab Sci, Elective

HOMEWORK: Minimal

PURPOSE: This course provides students with an introduction to Animal Science and is designed for students who show an interest in animal science, animal behavior, animal classification, basic animal anatomy, reproduction, growth and development, nutrition, diseases and parasites, management, and health care of common domesticated animals. Students will be involved with live animals to reinforce topics learned in class. Students practice written and oral communication while investigating current issues related to animal science. Membership in the FFA student leadership club is highly recommended for this course.

SPECIAL REQUIREMENTS: Willingness to study and work indoors and outdoors with live animals.

CLASS VIDEO: [Intro to Animal Science](#)

ANIMAL SCIENCE 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Lab Science or Elective

PREREQUISITE: Intro to Animal Science 1

HOMEWORK: Minimal

PURPOSE: This course provides students with a continuation of Intro to Animal Science and is designed for students who show an interest in animal science, animal behavior, animal classification, basic animal anatomy, reproduction, genetics, growth & development, nutrition, disease & parasites, production, management, and health care of domestic and exotic animals. Students will be involved with live animals to reinforce the topics learned in class. Students practice written and oral communication while investigating current issues related to animal science. Membership in the FFA student leadership club is included in the course.

SPECIAL REQUIREMENTS: Willingness to study and work indoors and outdoors with live animals.

CLASS VIDEO: [Animal Science 2](#)

AP BUSINESS WITH PERSONAL FINANCE



Length / Credit: 1 Year / 1 Credit
Grade Level: 9,10, 11, 12
Graduation Requirement: Occ. Ed and General Elective

PREREQUISITES: None

PURPOSE: This year-long course is a dynamic, college-level course designed for students who want a competitive edge in both the business world and their personal financial futures. Students dive into core business discipline entrepreneurship, marketing, finance, accounting, and management—through real-world simulations, case studies, and hands-on projects that mirror how companies operate today.

Beyond business fundamentals, students gain critical life skills through a comprehensive personal finance curriculum aligned to national standards. From budgeting and saving to investing, credit, and long-term planning, students learn how to make smart financial decisions that set them up for success well beyond high school. This course satisfies the prerequisite needed to enroll in Advanced Marketing.

Exam Information

AP Business and Personal Finance Exam will be available in May 2027

Students with a qualifying score will earn:

- College credit and placement
- [AP Business with Personal Finance Credential](#)

SPECIAL REQUIREMENTS: WA DECA membership and participation in Area 4 competition in January is mandatory.

COST: DECA Membership \$20.00, DECA Area Competition \$35

AP COMPUTER SCIENCE A



Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., 3rd Year Math or Elec

PREREQUISITES: Strongly recommend successful completion of AP Computer Science Principles and Geometry.

Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

HOMEWORK: 60 mins / day

PURPOSE: AP Computer Science A introduces students to the formal concepts of object-oriented computer programming, while also building a strong foundation of skills critical to success in the 21st Century workplace. Students will build software models, games, and other interactive programs that are relevant to science, art and engineering using the Java programming language. The course explores the following elements of software development: program design and implementation, algorithm analysis, and standard data structures. This is a year-long course designed to be

comparable to a first-year college level computer programming class. No prior programming experience is necessary; however, the completion of Introduction to Computer Science and a strong math background or completion of AP Computer Science Principles will help ensure success. **CLASS VIDEO:** [AP Computer Science A](#)

COST: AP EXAM FEE (EXAM IS OPTIONAL)

AP COMPUTER SCIENCE PRINCIPLES

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., 3rd Year Math or Elect

PREREQUISITES: Algebra 1

Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

HOMEWORK: 60 mins / day

PURPOSE: AP Computer Science Principles introduces students to the foundational concepts of computer science (creativity, problem solving, programming) and challenges them to explore how computing and technology can impact the world. In this course, students discover how the internet works and how computers communicate with each other, dive into cyber security and cryptography, explore how music and video are encoded, and build their own apps. This is a fun and challenging opportunity to learn about and use technology to address real world problems.

CLASS VIDEO : [AP Comp Sci Principles](#)

COST: AP EXAM FEE (EXAM OPTIONAL)

AP ENVIRONMENTAL SCIENCE/CHS*

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ Ed., Lab Science or Elective

HOMEWORK: 30 min, 3 times per week

Honors/AP courses are rigorous and are designed to prepare students for college level coursework

PURPOSE: This course is designed to be the equivalent of a rigorous one-semester, introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them passing the AP Environmental Science Exam. If a student passes with a score of 3 to 5 on the exam, they can earn 5+ college credits.

SKILLS DEVELOPED: Critical thinking, deductive reasoning, laboratory and field study techniques, analytical skills, use of computers, and practical use of higher mathematical skills.

*College Credit is available for this course through the College in the High School Program, CTE Dual Credit and or AP Exam.

COST: AP exam fee TBD (AP exam is optional)

AP PSYCHOLOGY/CHS

Length / Credit: 1 Year / 1.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ Ed/Soc Studies/Elective

HOMEWORK: 45 - 75 mins / day

Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

PURPOSE: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

INFO FLYER: [AP Psychology Overview Flyer](#)

COST: AP exam fee TBD (AP exam is optional)

BAKING AND PASTRY 1

Length / Credit: 1 Year/ 2.0 Credits
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed. Fine Art*, Elective

Prerequisite: Successful completion of Foundations of Food

Homework: Minimal

Purpose: This is a preparatory course following the Foundations of Food course. In this year-long course, students will have an in-depth study and hands-on experience of baking and pastry techniques and the restaurant industry. Areas of study include baking terminology, the use of tools and equipment, formula and recipe conversions, functions of ingredients, and methods used in creating quick breads, yeasted breads, pastries, cookies, cakes, pies, and other desserts. This course provides industry certification and prepares students to work in the industry.

CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirements for each college/university you are interested in.

BAKING AND PASTRY 2

Length / Credit: 1 Year/ 1.0 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Fine Art, Elective

Prerequisite: Successful completion of Baking & Pastry 1

Homework: Minimal

Purpose: Baking and Pastry II is a year-long course following Baking and Pastry I. Baking and Pastry II is a hands-on class, learning advanced techniques that are built upon Baking and Pastry I. Students will develop and elevate their understanding of the science of baking and their skills. They will participate in school and community events managing and providing baked goods. Projects include bakery management, creating and testing recipes and cultural studies. Baking and Pastry II will focus on developing leadership, communication, time management and attention to detail skill sets. This course provides industry certification and prepares students to work in the industry.

CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirements for each college/university you are interested in.

BEGINNING CERAMICS

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: None **HOMEWORK:** 15 mins / day

PURPOSE: No prior ceramics experience required. This is a hands-on, studio class where you will learn the basic forming techniques of hand building, surface design, and glazing with mid-range clay bodies. Students also receive introductory instruction on the pottery wheel. Students will learn to demonstrate various abilities in projects that focus on function and utility as well as sculpture and form.

Class Video: [Beginning Ceramics Video](#)

CAREERS IN EDUCATION

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., or Elective

HOMEWORK: Minimal

PURPOSE: Have you thought about a Career in Education? What is it like to be a teacher? Students will examine the basics of teaching and learning. Students will explore the history of education and societal and community issues affecting education. Experiences will include observations of preschool, elementary and middle school students and classrooms as well as guest speakers from many educational careers.

During the second semester, students will be placed in a practicum/internship at a cooperating preschool, elementary or middle school. Students in practicum/internships will work with individual students or help with small group instruction in the classroom. Students will learn lesson plan design, classroom management, develop as responsible mentors, and will have the opportunity to test for certification as an education support professional (para educator).



COMPUTER SCIENCE, INTRO TO

Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Elective

HOMEWORK: 60 mins / week

PURPOSE: Introduction to Computer Science will develop the computer science skills of algorithm development, problem solving, and programming. The course is designed for students curious about computing careers. Students will be introduced to topics such as interface design, limits of computers and societal and ethical issues of software engineering. This course will emphasize a project-based integrated format of lessons that emphasizes a way of problem solving and thinking as a computer scientist. This course will serve as a good introduction to Computer & Video Game Development and AP Computer Science A.

CLASS VIDEO: [Intro Comp Sci](#)

COMPUTER & VIDEO GAME DEVELOPMENT

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed. or Elective

HOMEWORK: 60 mins / week

PURPOSE: This exciting Computer Science course teaches students the standard topics of a normal first-semester college class, but the projects and assignments are games. Video games provide great visual feedback for the code, and they are fun to create. Students will use Python, one of the most popular and easy-to-learn programming languages, and a special arcade library ideal for creating 2D video games. This is a rigorous, intermediate-to-advanced-level course, intended to be taken after other courses like AP Computer Science Principles and/or Robotics.

CONSTRUCTION TRADES

Length / Credit: 1 Year/Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., Fine Arts* or Elective

HOMEWORK: N/A

PREREQUISITE: Woodworking 1 & Welding 1

PURPOSE: Construction Trades is a course that blends the traditional Woodshop & Welding Shop into an environment of collaboration with other students in a work-like setting. Students will plan and build a variety of projects, some required, and others selected or designed by the student. Through the construction of projects students will learn to operate a wide variety of machines as well as how to plan and bid jobs through estimating time and materials. Construction techniques and processes found in the building and cabinetry trades will be explored. Students may use CNC equipment, software, and laser applications. Upon completion of this course, students will have a good foundation in safe equipment operation and construction practices. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.* May repeat class with instructor permission.

Class Video: [Trades Video](#)

CORE PLUS MARITIME (formerly ADVANCED WELDING)

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11,12
Graduation Requirement: Occ. Ed., Fine Arts* or Elective

PREREQUISITE: Welding & Mfg. Tech 1 & 2

HOMEWORK: None

PURPOSE: Dive into the fascinating world of maritime engineering and welding while prioritizing safety with our high school Core Plus Maritime Welding class. Master various advanced welding techniques that include MIG, TIG, and arc welding. Students will learn maintenance and preservation of vessels, manufacturing materials, Gelcoat and fiberglass repair, and some basic marine repairs. By the end of the course, students should have a solid foundation to launch a successful career in maritime welding, shipbuilding, or related fields, with a strong emphasis on responsible boating practices. Students will learn advanced welding practices and skills focused on the marine industry. Industry certifications will be offered. .

**CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

CRIMINAL JUSTICE

Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ Ed/Soc Studies/Elective

HOMEWORK: Minimal

PURPOSE: The aim of Criminal Justice is to give students an in-depth study of the criminal justice system and the constitutional protections that act as a balance to the law-enforcement powers of the state. Students will learn about the nature of crime, police and law enforcement, court proceedings, sentencing, and corrections. Career options will also be explored. **CLASS VIDEO:** [CRIMINAL JUSTICE](#)

CULINARY ARTS 1

Length / Credit: 1 Year / 2.0 Credits
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed/Fine Art/Elective

PREREQUISITE: Successful completion of Foundations of Food **HOMEWORK:** None

PURPOSE: Start your culinary journey with Culinary 1! Learn essential cooking techniques—from knife skills and kitchen safety to food science fundamentals—while gaining real-world experience in restaurant operations, hospitality, and guest service. Students take part in authentic kitchen workflows and experience what it's like to support a functioning food-service environment.

You'll also earn your King County Food Worker Health Card, preparing you with the core knowledge needed for safe and professional food handling. This course is the perfect introduction to life inside a real kitchen crew.

CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirements for each college/university you are interested in.

Class Video: [Culinary Class Video](#)

CULINARY ARTS 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed/Fine Art/Elective

PREREQUISITE: Successful completion of Culinary Arts 1 **HOMEWORK:** None

PURPOSE: Take your culinary skills to the next level with Culinary 2! This course builds on the foundations from Culinary 1 and introduces you to more advanced cooking techniques, global cuisines, and menu development. Students take on expanded responsibilities, including creating unique



menus and working with real clients for special catering events.

In Culinary 2, you'll also collaborate with advanced students to take on larger culinary projects and gain experience in authentic restaurant, hospitality, and guest-service environments. You will strengthen your timing, teamwork, plating, and communication skills while learning what it takes to operate at a professional level.

Students in this course earn their ServSafe Manager Certification, giving them a significant advantage for real-world food-service employment and leadership roles.

CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirements for each college/university you are interested in.

Class Video: [Culinary Class Video](#)

CYBERSECURITY

Length / Credit: 1 Year / 1.0 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ Ed., Elective

HOMEWORK: 1 Hour per Week

PURPOSE: Cybersecurity is a set of techniques used to protect networks and digital information from attack, damage, or unauthorized access. Cybersecurity exposes students to ethical hacking and the technical knowledge to defend against various types of criminal cyber-attacks. This course raises students' knowledge of and commitment to ethical computing behavior. Students will also learn to protect their personal online identities along with what risks their digital footprints are exposing them to. Students learn the layers of computing and how computers communicate. Students begin to learn how to command both Windows and Linux operating systems using a command line interface.

NOTE: This is not a coding or programming class. The class focus is not on developing applications, but rather on securitizing networks, and digital information. However, there will be a minimal exposure to some code for illustration purposes, but coding will not be a requirement of the class.

DIGITAL MEDIA ARTS ACADEMY, INTRO

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ Ed., Fine Arts*, or Elective

HOMEWORK: Minimal

PURPOSE: The Mount Si Digital Media Arts Academy is an award-winning program where you can unleash your passion and creativity. During the Introduction course you will learn and develop the skills needed for a career in the digital arts

through hands-on training and experience. You will develop the skills to produce a wide variety of digital media including filmmaking, animation, and graphic design. At the end of the course, you will have developed an online portfolio that highlights all your new skills and artwork. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

CLASS VIDEO: [Intro Digital Media Arts Academy](#)



DIGITAL MEDIA ARTS ACADEMY 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ Ed., Fine Arts*, or Elective

PREREQUISITE: Intro Digital Media Arts Academy

HOMEWORK: Minimal

PURPOSE: Join some of the most talented digital artists in the Northwest at the Mount Si Digital Media Arts Academy and get your name engraved on one of the many golden trophies lining the wall of fame. This year long course will give you the opportunity to master professional media tools and develop industry specific skills in your choice of digital media tracks: Filmmaking, Graphics Design, Animation, or Web Design (student selects one area of emphasis). You will work individually and with interdisciplinary teams of students to create significant projects for your professional portfolio/demo reel. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

CLASS VIDEO: [DIGITAL MEDIA & TELEVISION PRODUCTION](#)



DIGITAL MEDIA ARTS ACADEMY 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: Occ Ed., Fine Arts*, or Elective

PREREQUISITE: Digital Media Arts Academy 1

HOMEWORK: Minimal

PURPOSE: Digital Media 2 is a hands-on, project-based class where students build on the foundational skills acquired in Digital Media 1 and delve into advanced studies across various digital media disciplines. In this course, students will actively contribute to the media production needs of our school and community, gaining real-world experience. Students will have the opportunity to lead small group projects and organize regional events, fostering leadership and collaboration skills. They will be encouraged to work with clients and participate in regional and national competitions, enhancing their

professional portfolio and competitive edge. Throughout the course, students will focus on developing a comprehensive digital portfolio, producing college admissions films, animations, and digital art. Additionally, they will have the chance to earn additional Adobe Certifications. This course is designed to provide students with the skills and experiences necessary to excel in the dynamic field of digital media, preparing them for future academic and career opportunities. *May repeat class for credit.*

CLASS VIDEO: [Digital Media 2](#)

ECONOMICS

Length/Credit: Semester/.5 credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Soc Studies/Elect

PREREQUISITE: Geometry

Economics is the study of how individuals, businesses and societies make decisions regarding their limited resources and the effects of those choices. The course teaches students skills and attitudes useful in making wise economic decisions in their own lives and includes instruction about the basic institutions in both private and public sectors which operate or affect the economy. Broad topics covered include Intro to Economics, Microeconomics, Macroeconomics and Global Trade. Key elements include the study of scarcity, supply and demand, market structures, the role of government, economic indicators, money and the role of financial institutions, economic stabilization, and trade.

CLASS VIDEO: [Economics Video](#)

ENGINEERING ESSENTIALS (PLTW)

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed., Fine Arts* or Elective

PREREQUISITE: Algebra 1 is recommended

HOMEWORK: Minimal

PURPOSE: In Engineering Essentials, students explore the work of engineers and their role in the design and development of solutions to real-world problems. The course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills using a variety of engineering tools, such as geographic information systems (GIS), 3-D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, product development and manufacturing. Students are encouraged to be involved in the Career Technical Student organization within their school: First Robotics. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS.*

Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.



ENGINEERING DESIGN, INTRO

Length / Credit: 1 Year / 1.0 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Fine Arts/Elective

PREREQUISITE: Successful completion of Engineering Essentials

PURPOSE: Project Lead the Way Curriculum. In this course students will build upon skills developed in Engineering Essentials. Students will deepen their understanding of the design process and their proficiency in 3D modeling design software while learning new processes such as reverse engineering. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global human impacts, engineering standards and technical documentation. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*



FINANCIAL ALGEBRA

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: Math*/Occ. Ed/Elective

PREREQUISITE: For Occ. Ed no pre-requisite. For math credit successful completion of geometry and counselor approval if used for math credit.

HOMEWORK: 20 min. / day

PURPOSE: Students study algebra through real life financial concepts as it applies to business interests and personal financial management. Topics include how to purchase a dream car and insure it, how the student's credit score can save them money, understanding the paycheck, managing income taxes, preparing a budget, and making money work for them on the stock market. Participate in hands-on stock market simulation, calculating profit and loss on investments. Focus on achieving financial independence. **If a student enrolls in this class to satisfy a math requirement for graduation, the parent/guardian must sign a document acknowledging that they understand this course does not satisfy college-entrance math requirements, but it does meet the Washington State High School graduation requirement for a 3rd year math class.*

FOUNDATIONS OF FOOD

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed. or Elective

HOMEWORK: None

This course is a semester-long, hands-on course designed to introduce students to the essential world of cooking and baking. This course builds a strong foundation in kitchen safety, sanitation, and professional food-handling practices while fostering the creativity and independence needed to excel in the kitchen. Through interactive labs, students will master knife skills, kitchen equipment, and culinary math—including measuring, converting units, and adjusting recipes. Foundations of Food provides students with real-world culinary experiences, exposure to diverse foods and techniques, and the opportunity to advance into higher-level culinary or baking courses. **This course is the prerequisite for Baking & Pastry 1 or Culinary Arts 1.**

FORENSIC SCIENCE

Length / Credit: Year / 1.0 credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Science/Elective

HOMEWORK: Minimal

PURPOSE: Students will learn about the “big ideas” of criminal investigation: What are the burdens of proof at trial? Why do we have these standards in place? How do we overcome them to obtain a conviction? Career options will also be explored. This course will integrate criminal law with scientific techniques performed by forensic scientists to solve crimes. Students will take on the various roles of crime scene investigator, scientist, and medical examiner to collect and evaluate evidence in a problem-solving environment. Topics include DNA technology and its uses, fingerprinting, impression evidence, toxicology, anthropology, entomology, rules of evidence, and career opportunities. Fieldtrips may be offered to pertinent facilities such as King County Superior Courthouse and/or the Medical Examiner’s Office.

CLASS VIDEO: [FORENSIC SCIENCE](#)

HEALTH

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Health/Occ. Ed/Elective

Homework: 1-2 hours week

PURPOSE: This course provides a student with the opportunity to study topical subjects in health. Topics covered in this wellness-oriented curriculum include nutrition and fitness, drug use, emotional health, decision making skills,

first aid, relationships, and reproductive system.

The student will be able to demonstrate healthy lifestyle decisions by using problem solving, communication skills, and goal setting. The students will be able to assess resources and information in their community.

HUMAN BODY SYSTEMS (PLTW)

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Science/Elective

PREREQUISITE: Principles of Biomedical Science

HOMEWORK: Minimal

Purpose: This Project Lead the Way course will teach students basic anatomy and physiology of the human body. Emphasis will be on the Skeletal, Muscular, Nervous, and Cardiovascular systems. Interested in a career in the healthcare industry? Want to be a doctor, nurse, physical therapist, athletic trainer, or personal trainer? This class will teach you the basics of how the body functions and moves. After completing the class students will be able to identify specific bones and muscles of the body as well as know how the nervous, cardiovascular, respiratory, digestive, and metabolic systems work.

LEADERSHIP AND PROJECT MANAGEMENT 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed./Elective

*Students who hold an ASB Officer position or a Class Board Officer position are required to register for Leadership 1 or 2.

PREREQUISITES: None

This course is open to all 9th, 10th, and 11th and 12th grade students interested in developing leadership skills. Students are given opportunities to engage in social emotional learning through a student focused servant leadership curriculum. The class builds positive school culture through kindness, character development, project planning, book study, and more. Leadership development combines the study of leadership styles and theories with reflection and activities to help students understand themselves as individuals and develop the skills they need to work in groups and become successful leaders in their school and their community. This course coupled with another Business Pathway defined course meets a CTE Pathway requirement to support graduation requirements and SBA testing requirements.

CLASS VIDEO: [Leadership Project Management](#)

LEADERSHIP AND PROJECT MANAGEMENT 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed./Elective

*Students who hold an ASB Officer position or a Class Board Officer position are required to register for Leadership 1 or 2.

PREREQUISITES: Leadership & Project Management 1

PURPOSE: This course is open to students grade 10-12 that have completed Leadership & Proj. Management 1 and are interested in demonstrating leadership skills.

Students are given opportunities to take what they have learned from Leadership and Project Management 1 (social emotional learning) and apply those principles to school organizing and managing school events. This class continues to build positive school culture through kindness, character development, project planning, book study, and more. Leadership development combines studies of leadership styles and theories from year 1 and applies them to activities and events throughout the school to increase school culture, climate, and retention. This course may combine with another Business Pathway course to meet the CTE Pathway requirement to support graduation requirements/SBA testing requirements. *May repeat course for credit*

MARKETING, PRINCIPLES OF

Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed./Elective

Prerequisite: None **HOMEWORK:** Minimal

Purpose: This project-based course dives into the exciting world of marketing and how it shapes what businesses sell, how they sell it, and why customers buy it. Throughout the course, students will explore marketing from both a retail perspective and a corporate perspective to understand how companies build brands, launch products, reach customers, and make strategic business decisions. Through hands-on activities and real-world projects, students explore core marketing functions such as product development, pricing, promotion, channel management, and marketing information management.

Students also have the option to join **DECA** and participate in competitions in January (not required). Successful completion of this course fulfills the prerequisite for **Advanced**

Marketing.

CLASS VIDEO: [Marketing Courses](#)

MARKETING, ADVANCED (SCHOOL STORE)

Length / Credit: 1 Year / 1.4 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed./ Elective

HOMEWORK: Minimal

PREREQUISITIES: Principles of Marketing or Sports/Entertainment Marketing

Purpose: Students in this year-long course will delve further into the concepts of entrepreneurship, pricing, and promotion learned in the introductory course. Students will also have an opportunity to apply their learning by working in the DECA Den. Students will experience first-hand marketing, entrepreneurial and business practices through real-world, hands-on projects and their work in the DECA Den.

SPECIAL REQUIREMENTS: WA DECA membership and participation in Area 4 competition in January is mandatory. Students will also be required to obtain or show proof of a valid and current King County Food Handlers card. Students who do not have a food handlers' card will be given an opportunity to obtain one within the first two weeks of class. Students will be scheduled to work in the DECA Den during lunch periods throughout the week (you will still have a duty-free lunch period on all days). Throughout the year, students will have an opportunity to learn all aspects of managing and running a retail store including sales associate, general store manager, merchandising manager, and promotions manager.

COST: DECA Membership: \$20.00, DECA Area Competition: \$35 Fee. **CLASS VIDEO:** [Marketing Courses](#)

MARKETING, RETAIL MANAGEMENT

Length/Credit 1 year/1 credit
Grade level: 11, 12
Graduation Requirement: Occ Ed/Elective

Prerequisite: Advanced Marketing

This year-long course is for students who have successfully completed Advanced Marketing and would like to further their business management skills. Students will experience hands-on retail management experience by exploring concepts such as marketing a retail store, purchasing, merchandising, business communications, management and operations, inventory control and human resources. Students will learn through a combination of the DECA DEN, class projects and assignments and participation in the DECA Area competition in January.

SPECIAL REQUIREMENTS: WA DECA membership and participation in Area 4 competition in January is mandatory. Students will also be required to obtain or show proof of a valid and current King County Food Handlers card. Students who do not have a food handlers card will be given an opportunity to obtain one within the first two weeks

of class. Students will be scheduled to work in the DECA Den during lunch periods throughout the week (you will still have a duty-free lunch period on all days).

COST: DECA Membership: \$20.00, DECA Area Competition: \$35

MARKETING, SOCIAL MEDIA



Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ Ed/Elective

PREREQUISITES: None

HOMEWORK: Minimal

PURPOSE: This semester course gives students the skills to build real-world social media marketing strategies that help businesses achieve their goals. Instead of focusing on social media as a user, the course explores how consumers interact online and how brands leverage platforms to influence behavior.

Students will learn how to choose the right social channels, create effective campaigns, and measure performance using analytics and industry tools. By the end of the course, students will be able to apply social media technologies to strengthen marketing efforts across a variety of business types. Students will also have an opportunity to obtain the Adobe Digital Marketing Certification.

Students have an opportunity (but are not required) to join DECA and attend competition in January. This course satisfies the prerequisite needed to enroll in Advanced Marketing.

CLASS VIDEO: [Marketing Courses](#)

MARKETING, SPORTS & ENTERTAINMENT



Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed./Elective

PREREQUISITE: None

HOMEWORK: Minimal

Purpose: This course focuses on the role of marketing in generating revenue in the sports and entertainment industry. Students will gain an understanding of marketing concepts which apply to this industry. Specifically, students will learn about forms of sports sponsorship, branding the sports/entertainment industry, product licensing, merchandising and pricing strategies used in the sports/entertainment industry as well as other emerging issues in the sports marketing industry.

Students have an opportunity (but are not required) to join DECA and attend competition in January. This course satisfies the prerequisite needed to enroll in Advanced Marketing.

CLASS VIDEO: [Marketing Courses](#)

MEDICAL INTERVENTIONS - PLTW

Length / Credit: 1 Year/ 1.0 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Science, or Elective

Prerequisite: Successful completion of the following courses: Principles of Biomedical Science and Human Body Systems

Homework: Minimal to 30 mins per week

Purpose: In this course, students will follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and how to prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This is the third year of the Project Lead the Way (PLTW) high school biomedical science curriculum.

MUSIC TECHNOLOGY

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Fine Art* or Elective

PREREQUISITE: None

PURPOSE: In this course, you will explore topics related to music technology, including the recording process, live sound reinforcement, and digital music creation. You will learn how to organize, record, mix, and master a recording session, and you will plan and implement live sound in concert settings. You also will create music in a variety of styles using loop- and groove-based software, such as GarageBand®. Students in this class will have the opportunity to work with MSHS performing groups during concerts and recording sessions throughout the year. Projects will include creating your own songs, setting up and running sound for a live concert, and recording tracks in a recording studio.

MAY REPEAT COURSE FOR CREDIT

**CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

ORNAMENTAL HORTICULTURE 1

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed/Lab Science/Elective

HOMEWORK: Minimal

PURPOSE: This year long, dual credit course includes plant taxonomy, plants and their functions, the environment, chemicals, asexual reproduction, growing plants from seed, insect control, using plants in landscape, pruning, and floral design. Plant identification is a key component in this course. Students will learn skills in problem solving, public speaking, listening, goal setting, and technical skills. Students will grow plants in the school greenhouse and do a sales and marketing project with the spring plant sale. Membership in the FFA student leadership club is included with this course. Students will develop skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. **CLASS VIDEO:** [Ornamental Horticulture 1](#)
Colleges will determine if Horticulture counts as science or elective credits.

ORNAMENTAL HORTICULTURE 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., Lab Science, Elective

PREREQUISITE: Ornamental Horticulture 1

HOMEWORK: Minimal

PURPOSE: This year-long dual credit course builds on the knowledge and skills learned in Ornamental Horticulture I. Students work independently on projects in the greenhouse, including the maintenance of the school hydroponics system. Projects developed through this course will be designed to improve skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry. Projects developed through this course will be designed to improve skills in problem solving, speaking, listening, goal setting, and technical skills related to the environmental horticulture industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. **CLASS VIDEO:** [Ornamental Horticulture 2](#)
Note: Colleges will determine if Horticulture counts as science or elective credits.

ORNAMENTAL HORTICULTURE 3

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed/Lab Science/Elective

PREREQUISITE: Ornamental Horticulture 1 and 2

HOMEWORK: Minimal

PURPOSE: This year long dual credit course builds on the skills and knowledge learned in Ornamental Horticulture 2. Students explore career opportunities, help design class projects, and work in the field with industry professionals. Projects developed through this course will be designed to further expand skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry.

Special Requirements Willingness to study and work outdoors. *Note: Colleges will determine if Horticulture counts as science or elective credits. **May repeat class.***

CLASS VIDEO: [Ornamental Horticulture 3](#)

PERSONAL FINANCE

Length / Credit: 1 Semester / 0.8 Credit
Grade Level: 11,12
Graduation Requirement: Occ. Ed/Elective

PREREQUISITE: None

HOMEWORK: Minimal

PURPOSE: This class teaches students to manage their personal finances in the context of the current economic conditions and prepares them to make financial decisions in their life beyond high school. Students will increase their financial and economic literacy while learning about vital topics such as the economy, taxes and tax forms, consumer rights and responsibilities, budgeting, banking, insurance, credit, and credit cards, and investing. Guest speakers will be brought in regularly to give students real world access to information regarding personal financial planning.

CLASS VIDEO: [Personal Finance](#)

PHOTOGRAPHY 1

Length / Credit: 1 Semester / 0.8 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Fine Arts*, Elective

HOMEWORK: Minimal

PURPOSE: Photography 1 is a hands-on project-based class which introduces students to many photographic topics. Units include: Introduction to Photography, Design Elements & Composition, Workflow, Digital Camera Use and Digital Image Management & Editing. Students will learn how to use manual functions on a DSLR. Hands-on projects will reinforce what has been discussed in class. Project themes vary but

may include portrait, landscape, architecture, action, products and phot essay. Students will create digital portfolios and use social media to publish their work and participate in regular guest presentations by “Photo Ambassadors” that profile how photography is used in the “real world”. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

PHOTOGRAPHY 2,3,4

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9 (Photo 2) 10, 11, 12

Graduation Requirement: Occ Ed., Fine Arts*, Elective

PREREQUISITE: Photo 1 etc.

HOMEWORK: Minimal

PURPOSE: **Photography 2 and 3:** are a hands-on project-based class in which students build on the skills they learned in Photo one and two and apply advanced studies in many areas of Photography. They will contribute to Public Relations efforts at the school and district level. Units may include History of Photography, Design Elements & Composition, Workflow, Digital Camera Use and Digital Image Management and Editing, Photography as Art. Hands-on projects will reinforce what has been discussed in class. Project themes vary but may include portrait, landscape, architecture, action, products, PR and photo essay. Photo three students will have the opportunity to create an Independent Photo Project (IPP) related to topics of their selection. Students will create digital portfolios and use social media to publish their work and participate in regular guest presentations by “Photo Ambassadors” that profile how photography is used in the “real world”.

Photography 4: is a hands-on project-based class in which students build on skills they learned in Photo 1-3. Students will work more independently on advanced areas of interest in Photography. They will create an Independent Photo Project (IPP), an agreed upon contract between both the student and the instructor that clarifies topics, goals, timelines, evaluations, and overall themes. Projects that include community outreach and connections will be encouraged. Students will contribute to Public Relations efforts at the building and district level, Photo Help and Photo Project creation and act as mentors to other students. **COST:** Possible printing costs

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CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

POTTERY 1

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on the elements and aspects in the production of functional pottery on the wheel. This course will focus on understanding and applying knowledge of ceramic techniques, such as kiln firing and glazing, to a variety of projects emphasizing creative design and craftsmanship. This course will build upon the foundational knowledge learned in the Beginning Ceramics class. **CLASS VIDEO:** [Pottery Class Video](#)

POTTERY 2

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Pottery 1

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on the elements and aspects in the production of functional pottery on the wheel. This course will focus on understanding and applying glazing, to a variety of projects emphasizing creative design and craftsmanship. This course will build upon the foundational knowledge learned in the Beginning Ceramics class. **MAY REPEAT COURSE FOR CREDIT**

CLASS VIDEO: [Pottery Class Video](#)

PRINCIPLES OF BIOMEDICAL SCIENCE (PLTW)

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed., Lab Science, Elective

HOMEWORK: 10 mins / day

PREREQUISITE: None

PURPOSE: If you're interested in a career in medicine or healthcare, this course is the perfect place to start. It explores the fields of biology, anatomy and physiology, microbiology, and medicine as you investigate the human body and the healthcare field. You'll take on the roles of medical professionals, forensic scientists, and public health officials to solve medical mysteries, diagnose and treat patients, respond to outbreaks and emergencies, and develop innovative solutions to real-world health challenges. Along the way, you'll study the heart, brain, and digestive system, explore DNA and biotechnology, and participate in engaging labs like gram staining, dissections, and gel electrophoresis. With a mix of lectures, lab work, and interactive activities, this course provides a well-rounded, challenging, and exciting introduction to the world of biomedical science and

healthcare careers. This is the first course in the CTE Health Science pathway and a prerequisite for Human Body Systems and Medical Interventions. **Class Video:** [BIOMED](#)

PSYCHOLOGY

Length / Cred: 1 Semester / 0.5Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ Ed/Soc Studies/Elective

HOMEWORK: 0–15 mins / day

PURPOSE: Psychology, the study of behavior, is offered to meet the need of a challenging, interesting, and experimentally oriented course in general psychology. The students may gain insight into themselves and others while achieving the vocabulary and concepts of psychology.

SKILLS DEVELOPED: 1. Plan how to study a problem.

2. Locate, gather, & evaluate information; 3. Summarize & draw conclusions; 4. Use listening skills; 5. Read social studies materials with comprehension; 6. Use reference skills.

7. Contribute productivity to group tasks and discussions.

8. Formulate and clarify basic values.

ROBOTICS

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective

PREREQUISITES: Algebra; need to have passed Geometry or be currently enrolled in Geometry.

HOMEWORK: 15 mins / night

PURPOSE: This is a year-long introductory course into the world of robotics. Students will work in small groups to design, build, wire, program and operate robots to perform a variety of predetermined tasks. This course provides unique opportunities for students to compete in a set of friendly challenges and games in and out of the classroom, including participating in FIRST Robotics (a global competition). Students will conduct lab experiments while developing skills in mechanical systems, engineering design, introductory electronics, and computer programming. This class is open to students of all levels. **SPECIAL REQUIREMENTS:** May include work after school; participation in area robotics competitions is encouraged.

CLASS VIDEO: [ROBOTICS](#)

SAE (Supervised Agricultural Experience)

Length / Credit: 1 Semester / .5 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Science or Elect

Prerequisite: Instructor permission only

Homework: Minimal to 30 mins per week

Purpose: This course is designed to establish knowledge and skills in various agricultural careers. Students will gain credit by establishing a project at home, at a local business, or at

their school after normal school hours. Students will be required to verify their experiences by keeping computerized records dealing with the finances and labor of their project. SAE lessons are embedded in this course. SAE participation can lead to full time employment, scholarships, and awards through the FFA, a student leadership organization. This course will be run as an independent study that will provide the option of an industry recognized certification.

SCULPTURE 1

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on a variety of techniques, such as subtractive (carving), additive (modeling), and assemblage in the creation of three-dimensional works in clay and other media. Students will practice these new techniques and methods while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. This course will build upon the foundational knowledge learned in the Beginning Ceramics class.

SCULPTURE 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Sculpture 1

HOMEWORK: 15 mins / day

PURPOSE: This is an upper-level studio class where students will further develop their skills and techniques in the production of representational and abstract sculptures. Students will be encouraged to refine their creative processes and methods while developing their own artistic styles, following, and breaking from traditional sculptural conventions. This course will also provide instruction in the process of responding to sculpture through analysis, critique, and interpretation for the purpose of reflecting on and refining work. This course will build upon knowledge learned in the Sculpture 1 class.

MAY REPEAT COURSE FOR CREDIT

SPORTS MEDICINE 1



Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective

HOMEWORK: Minimal

PURPOSE: This class gives students the basic skills and knowledge for entry level employment or higher education in today's healthcare industry.

SKILLS DEVELOPED: This class is to be taken as a basic introduction to the different careers within the field of sports medicine. Students are given the opportunity to learn some of the basic skills necessary to work in entry level healthcare jobs.

SPECIAL REQUIREMENTS: Students in this course are required to complete 25 hours of athletic training experience after school with the certified athletic trainer. During this experience they are to assist the athletic trainer at athletic practices and games/events. Students are also required to complete two clinical internships in the career areas of their choice.

CLASS VIDEO: [SPORTS MEDICINE 1](#)

SPORTS MEDICINE 2



Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed. or Elective

PREREQUISITE: Sports Medicine I

HOMEWORK: Minimal

PURPOSE: This class provides the opportunity for students interested in a medical or healthcare career to gain advanced knowledge in those fields. Students in this course will learn how to recognize, treat, and manage specific sports injuries. They will also learn about the psychological aspects of sports injury, sports nutrition, and sport pharmacology.

SPECIAL REQUIREMENTS: Students enrolled in this course will be REQUIRED to obtain 45 hours of athletic training experience. Students are also required to complete 2 clinical internships in the career area of their choice and participate in the Mount Si pre-participation physical examination held at Mount Si at the end of the school year. Students will also be required to participate in the Washington Career & Technical Sports Medicine state competition held in the spring. Once students finish the course, they will be fully prepared to begin a sports medicine program at the college/university level.

CLASS VIDEO: [SPORTS MEDICINE 2](#)

MAY REPEAT COURSE FOR CREDIT

TELEVISION PRODUCTION 1&2



Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11,12
Graduation Requirement: Occ. Ed., Fine Arts* or Elective

PREREQUISITE: None

HOMEWORK: 60 minutes per week

PURPOSE: In this course students will be introduced to the field of Broadcast Journalism and will write, produce, and edit news segments/podcasts that may be broadcast on at the High School (Wildcat TV). Students will get a chance to assume every role within a studio setting including but not limited to director, producer, anchor, cameraman, technical director, audio technician and teleprompter operator. Students will also be responsible for filming and editing school events and/or video productions. It will require after school hours.

CLASS VIDEO: [DIGITAL MEDIA & TELEVISION PRODUCTION](#)

THEATRE TECH

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11,12
Graduation Requirement: Occ. Ed., Fine Art* or Elective

PREREQUISITE: None

HOMEWORK: None

PURPOSE: Theatre Tech is a one-year course which provides students with both exposure to and experience in all elements of technical theatre. Students will learn all the basics and tricks of the trade in makeup, costuming, lighting, crewing, special effects, set constructions, scenic artistry, and property creation. Through the design process, students will gain an appreciation for Theatrical Design as an art form and will recognize themselves as a creative part of a production team. Students will learn how to use shop tools and materials safely, as well as learn how to design/build theatrical elements for production.

Special Requirements: Crewing productions at least once each semester will be a requirement of this class. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

**WELDING/METALS & MFG. TECH. 1 & 2**

Length / Credit: 1 Semester / 0.5 Credit Welding 1
2.5 Credit Welding 2

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed, Fine Arts or Elective

PREREQUISITE: Students must complete Welding/Metals & MFG 1 before taking Welding/Metals & MFG 2.

HOMEWORK: Minimal

PURPOSE: Students learn to design, layout and fabricate projects using different materials, processes and procedures found in the metal working industry. The student will learn basic metal-working skills while developing attitudes and habits necessary for working safely and effectively in this environment. Problem solving techniques will be developed in designing and determining the materials and equipment to be used to produce a productive manufacturing environment. Additionally, students receive instruction, practice and gain experience with oxy/acetylene welding and brazing; wire feed welding (MIG/GMAW); stick or electric arc welding (SMAW); tungsten inert gas welding (TIG/GTAW); plasma metal cutting; and aluminum welding. Individual and team projects are modeled after industrial operations and are carried out in a large well-equipped classroom laboratory. Students will also explore and investigate career and occupational options. .

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CLASS VIDEO: [WELDING CLASS VIDEO](#)

WOODWORKING 1

Length / Credit: Semester/.5 credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed., Fine Arts* or Elective

PREREQUISITE: Occ. Ed., Fine Arts or Elective

HOMEWORK: N/A

PURPOSE: The focus of Woodworking 1 is on the student learning of shop safety and tool proficiency while producing projects. The courses provide students with the opportunity to develop their conceptual and technical abilities while creating a variety of projects. Instruction covers the use of traditional and advanced tools and processes commonly used to shape and fabricate wood-based objects. The emphasis of the course is on creative problem solving, hand and power tool proficiency, and quality craftsmanship. . *CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check

the admissions requirement for each college/university you are interested in.

WOODWORKING 2

Length / Credit: Semester/.5 credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed., Fine Arts* or Elective

PREREQUISITE: Occ. Ed., Fine Arts or Elective

HOMEWORK: N/A

PURPOSE: The focus of Woodworking 2 is on the student developing and creating a woodworking project. This enables students to conceptualize, design, and create one-of-a-kind functional related artwork. Courses provide students with the opportunity to develop their conceptual and technical abilities while creating a variety of projects. Instruction covers the use of traditional and advanced tools and processes commonly used to shape and fabricate wood-based objects. The emphasis of the course is on creative problem solving, hand and power tool proficiency, and quality craftsmanship. . *CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in. May repeat class for credit.

**YEARBOOK PRODUCTION (TENAS COMA)**

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed. or Elective

PREREQUISITE: Permission of the *Tenas Coma* adviser.

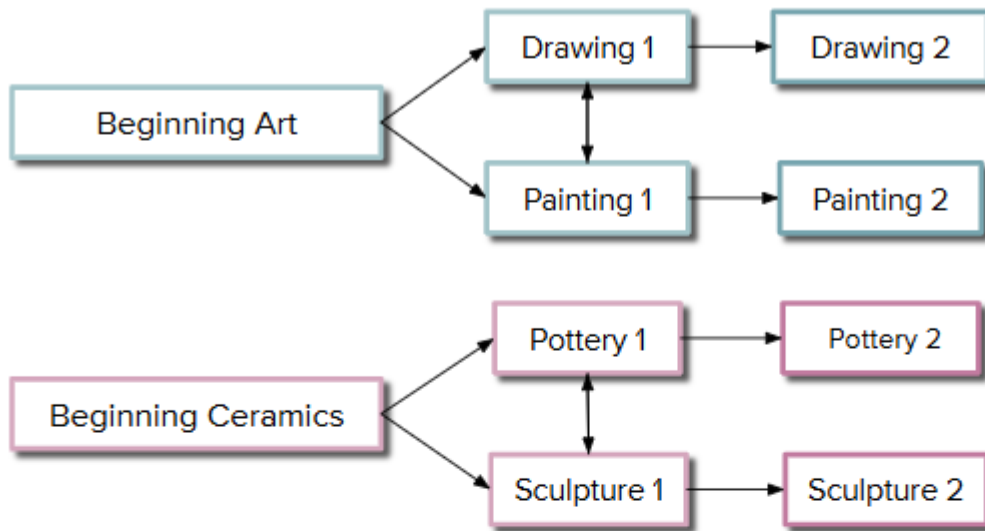
HOMEWORK: Minimal

PURPOSE: Preserving history and making memories—that is what yearbook production is all about. Photographers, designers, writers, and editors work together in this course to produce *Tenas Coma*, Mount Si's yearbook.

SKILLS DEVELOPED: Working with other creative and motivated students, you will develop your journalistic and problem-solving skills as you work to produce *Tenas Coma*. All aspects of journalism will be put into practice in this hands-on course, including photography, writing copy and captions, and page design. Students enrolled in yearbook must be able to work independently, handle stress well, meet deadlines, and pay attention to details. Photography experience is helpful but is not required. **SPECIAL REQUIREMENTS:** This course may require work outside of the school day to complete assignments and meet deadlines. Students wishing to enroll in yearbook production must contact the yearbook adviser prior to enrolling. Editorial positions will be chosen through an interview process. *May repeat course for credit.*

Fine Arts Courses

Visual Arts Pathways and Course offerings



ART ELECTIVES

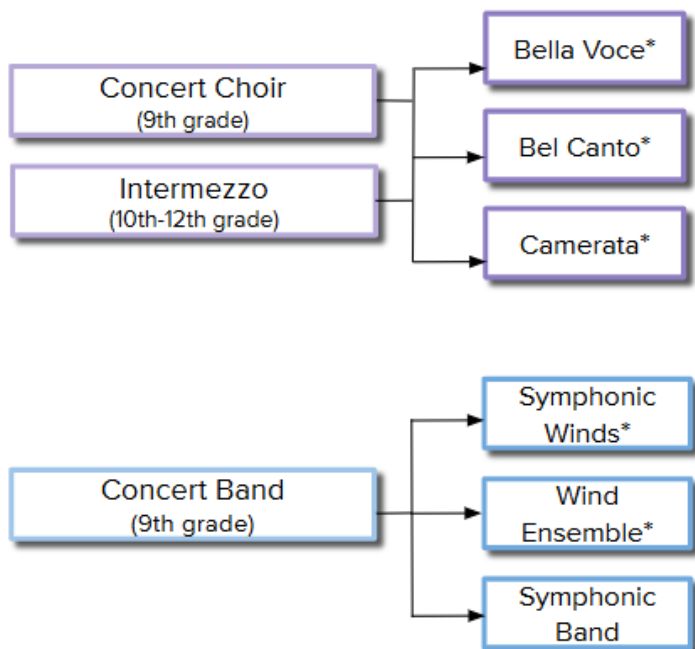
- AP Art History
- AP Studio Art: Drawing
- AP Studio Art: 2D Design
- AP Studio Art: 3D Design
- Art Journaling*
- Beginning Art
- Comic & Illustration Arts*
- Craft Arts*
- Drawing 1
- Drawing 2
- Fiber Arts*
- Painting 1
- Painting 2
- Printmaking*

*Offered alternate years

CTE/ART ELECTIVES*

- AP Studio Art: 3D Design
- Beginning Ceramics
- Construction Trades
- Digital Media Arts Academy, Intro
- Digital Media Arts
- Engineering Design, Intro to
- Music Technology
- Photography 1
- Photography 2
- Photography 3
- Pottery 1
- Pottery 2
- Sculpture 1
- Sculpture 2
- Television Production
- Theatre Tech
- Welding, Advanced
- Welding/Metals 1
- Welding/Metals 2

Performing Arts Pathways and Courses



Performing Art Electives

- Bella Voce Choir*
- Bel Canto Choir*
- Camerata Choir*
- Concert Band (9th only)
- Concert Choir (9th only)
- Drama/Theatre: 1, 2
- Intermezzo Choir*
- Jazz Ensembles: 1, 2, 3*
- Music Creativity & Collaboration
- Musical Theatre Workshop
- Orchestra
- Percussion Ensemble/Drumline
- Piano: 1,2
- Production lab
- Symphonic: Band or Winds*
- Vocal Jazz Ensembles: 1,2*
- Vocal Jazz Workshop
- World Drumming

*Requires audition to participate.

CTE/Performing Art Electives

- Music Technology
- Theatre Tech

These courses meet a "2 for 1" equivalency - see page 10 of the catalog for more details.

Visual Arts Courses

Visual Arts Slideshow: [VISUAL ARTS](#)

AP ART HISTORY



Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: World History preferred, but not required
Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

PURPOSE: No prior art experience is required! Explore the history of art expression from the past and the present from a variety of cultures. Through reading, research, high-def images, videos, and museum visits, students will view significant artworks from around the world. Writing skills will be important in the description, analysis, and comparison of these works. You will need to keep a notebook to record class discussion on significant historical events, art periods/styles, specific artworks, and issues/themes that connect these artworks. It is expected that students will take the AP Art History exam in the spring.

COST: AP exam fee (AP exam is optional)

AP STUDIO ART: 2-D DESIGN



Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 2 hours/week

PREREQUISITES: Drawing 2 or Painting 2 or teacher rec.
Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

PURPOSE: This course provides intense studio work experience for the serious art student who demonstrates exemplary technical skills, work ethic, and the ability to generate college level art concepts. Students will focus on the use of 2D Elements and Principles of Design, and how materials, processes, and ideas can be used to make work that exists on a flat surface. Students can work with any materials, processes, and ideas. Drawing, painting, graphic

design, digital imaging, photography, collage, fashion design, and printmaking are among the possibilities for submission. Images from videos or film are also accepted.

COST: AP exam fee TBD (AP exam is optional)

AP STUDIO ART: DRAWING



Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 2 hours/week

PREREQUISITES: Drawing 2 or Painting 2 or teacher rec.
Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

PURPOSE: This course provides intense studio work experience for the serious art student who demonstrates exemplary technical skills, work ethic, and the ability to generate college level art concepts. Students will focus on the use of mark-making, line, surface, space, light and shade, and composition. Students should consider marks that can be used to make drawings, the arrangement of marks, the materials and processes used to make marks, and relationships of marks and ideas. Students can work with any materials, processes, and ideas. Drawing (analog and digital), painting, printmaking, and mixed media work are all acceptable. **COST:** AP exam fee (AP exam is optional)

AP STUDIO ART: 3-D DESIGN



Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Fine Arts, Occ Ed or Elective

HOMEWORK: 2 hours/week

PREREQUISITE: Pottery 2 or Sculpture 2 or teacher rec.
Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

PURPOSE: Students will develop an art portfolio that may be used for college placement, scholarships, and the AP exam. Students may include artwork previously done in other studio art classes as part of their AP portfolio, but it will not be considered as part of the studio class grade for each semester. In this two-semester course, students will work on a 3D Design portfolio as defined by the AP Studio Art criteria. The portfolio may include (but is not limited to): ceramics, sculpture, and mixed media. **COST:** AP exam fee (AP exam is optional)

ART JOURNALING

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective
PREREQUISITE: None **HOMEWORK:** 15 mins / day
PURPOSE: This is a hands-on art course, specializing in drawing, collage, lettering & printmaking with the goal of creative expression through journal creation. The course will focus on studying art elements and design principles. This course may also explore aesthetic issues, modern and historic art movements and engage in critiques of the artwork made in class.

BEGINNING ART

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective
PREREQUISITE: None **HOMEWORK:** 15 mins / day
PURPOSE: No prior art experience required. This is a hands-on, studio class where you will learn the basics of art making and produce a variety of fun and engaging art projects. Students will experience a wide variety of media and techniques directly related to the development of drawing, painting, and printmaking.

BEGINNING CERAMICS

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective
PREREQUISITE: None **HOMEWORK:** 15 mins / day
PURPOSE: No prior ceramics experience required. This is a hands-on, studio class where you will learn the basic forming techniques of hand building, surface design, and glazing with mid-range clay bodies. Students also receive introductory instruction on the pottery wheel. Students will learn to demonstrate various abilities in projects that focus on function and utility as well as sculpture and form.

DRAWING 1

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective
PREREQUISITE: Beginning Art **HOMEWORK:** 15 mins / day
PURPOSE: In this course, students will focus on the elements and aspects of drawing and mark-making while experiencing a variety of media such as graphite, charcoal, pastels, and ink. Students will learn and practice a variety of drawing skills and techniques emphasizing fundamental processes of artistic expression through both realistic and abstract drawing methods. This course will build upon the foundational knowledge learned in the Beginning Art class.

DRAWING 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective
PREREQUISITE: Drawing 1 **HOMEWORK:** 15min/day
PURPOSE: This is an upper-level studio class where students will further develop their skills in the elements and aspects of drawing and mark-making. Students will create artworks emphasizing observation and interpretation of the visual environment, life drawing, and imaginative drawing while experiencing in greater detail a variety of media. Students will refine their creative processes and develop their own artistic styles following and breaking from traditional conventions. This course will also provide instruction in the process of responding to drawing through analysis, critique, and interpretation for the purpose of reflecting on and refining work. This course will build upon knowledge learned in the Drawing 1 class.
May repeat course for credit.

PAINTING 1

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective
PREQUISITE: Beginning Art **HOMEWORK:** 15 mins / day
PURPOSE: In this course, students will focus on the elements and aspects of painting while experiencing a variety of media such as watercolor, acrylic, and oil paints. Students will learn and practice a variety of painting methods emphasizing fundamental processes of artistic expression through both realistic and abstract painting methods. This course will build upon the foundational knowledge learned in the Beginning Art class.

PAINTING 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective
PREREQUISITE: Painting 1 **HOMEWORK:** 15 mins / day
PURPOSE: This is an upper-level studio class where students will further develop their skills in the elements and aspects of painting. Students will create artworks emphasizing observation and interpretation of the visual environment, life drawing, and imaginative painting while experiencing in greater detail a variety of media. This course will emphasize fundamental processes of artistic expression through both realistic and abstract painting methods. Students will refine their creative processes and develop their own artistic styles

following and breaking from traditional conventions. This course will also provide instruction in the process of responding to painting through analysis, critique, and interpretation for the purpose of reflecting on and refining work. This course will build upon knowledge learned in the Painting 1 class. **SPECIAL REQUIREMENTS:** Good attitude and an interest in furthering student's art experience. *May repeat course for credit.*

POTTERY 1

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective
PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on the elements and aspects in the production of functional pottery on the wheel. This course will focus on understanding and applying knowledge of ceramic techniques, such as kiln firing and glazing, to a variety of projects emphasizing creative design and craftsmanship.

This course will build upon the foundational knowledge learned in the Beginning Ceramics 1 class.

POTTERY 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective
PREREQUISITE: Pottery 1

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on the elements and aspects in the production of functional pottery on the wheel. This course will focus on understanding and applying knowledge of ceramic techniques, such as kiln firing and glazing, to a variety of projects emphasizing creative design and craftsmanship. This course will build upon the foundational knowledge learned in the Beginning Ceramics class. *May repeat course for credit.*

SCULPTURE 1

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective
PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on a variety of techniques, such as subtractive (carving), additive (modeling), and assemblage in the creation of three-dimensional works in clay and other media. Students will practice these new techniques and methods while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide

perspective. This course will build upon the foundational knowledge learned in the Beginning Ceramics class.

SCULPTURE 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Sculpture 1

HOMEWORK: 15 mins / day

PURPOSE: This is an upper-level studio class where students will further develop their skills and techniques in the production of representational and abstract sculptures. Students will be encouraged to refine their creative processes and methods while developing their own artistic styles, following, and breaking from traditional sculptural conventions. This course will also provide instruction in the process of responding to sculpture through analysis, critique, and interpretation for the purpose of reflecting on and refining work. This course will build upon knowledge learned in the Sculpture 1 class.

May repeat course for credit.

Music Courses



AP MUSIC THEORY

Length / Credit: 1 Year / 1.0 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 2-3 hours/week

PREREQUISITE: Students should be able to read and write musical notation in bass and treble clef, and it is STRONGLY recommended that the student has acquired at least basic performance skills in voice or on an instrument. An application for this course is required.

PURPOSE: Designed to be the equivalent of a first-year music theory college course as specified by the College Board. AP Music Theory develops students' understanding of musical structure and compositional procedures. Usually intended for students who already possess performance-level skills, AP Music Theory courses extend and build upon students' knowledge of intervals, scales, chords, metric/rhythmic patterns, and the ways they interact in a composition. Musical notation, analysis, composition, and aural skills are important components of the course.

SPECIAL REQUIREMENTS: Student should have access to an instrument at home, preferably a keyboard or piano, though string and wind instruments are acceptable.

COST: AP exam fee TBD; AP exam is optional

BEL CANTO CHOIR

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 20 mins / day

PREREQUISITE: Audition is required

PURPOSE: Bel Canto is an audition-only, highly select, treble choral ensemble. This course is intended for students who are serious about choir and understand music reading skills and vocal technique. Previous experience in choir or vocal lessons is recommended before auditioning. Students will continue to develop vocal techniques, rehearsal skills, and music reading skills. Students will also dive more heavily into music theory.

SPECIAL REQUIREMENTS: Students in this course will travel to festivals often and should understand that they will have *several* performances and commitments outside of school hours. Additionally, there is an expectation that students will be committed to practicing on their own at home 15-30 min 3-5 days per week. They may also need to schedule additional sectional rehearsals before or after school once a month.

CLASS VIDEO: [CHOIR](#)

May repeat course for credit.

BELLA VOCE CHOIR

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: Audition is required

PURPOSE: Bella Voce is an audition-only, highly select, treble choral ensemble. This course is intended for students who are serious about choir and understand music reading skills and vocal technique. Students will continue to develop vocal technique, rehearsal skills, and music reading skills. Students will continue to expand their knowledge of music theory.

SPECIAL REQUIREMENTS: Students in this course will travel to a few festivals and should understand that they will have some performances outside of school. Additionally, there is an expectation that students will be committed to practicing on their own at home 15-30 min 3-5 days per week.

CLASS VIDEO: [CHOIR](#)

May repeat course for credit.

CAMERATA CHOIR

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Audition is required.

HOMEWORK: 20 mins / day

PURPOSE: Camerata is an audition-only, highly select, treble/bass choral ensemble. This course is intended for students who are serious about choir and understand music reading skills and vocal technique. Previous experience in choir or vocal lessons is recommended before auditioning. Students

will continue to develop vocal technique, rehearsal skills, and music reading skills. Students will also dive more heavily into music theory. **SPECIAL REQUIREMENTS:** Students in this course will travel to festivals often and should understand that they will have *several* performances and commitments outside of school hours. Additionally, there is an expectation that students will be committed to practicing on their own at home 15-30 min 3-5 days per week. They may also need to schedule additional sectional rehearsals before or after school once a month. **CLASS VIDEO:** [CHOIR](#)
May repeat course for credit.

CONCERT BAND

Length / Credit: 1 Year / 1 Credit
Grade Level: 9
Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Middle school band experience or audition with instructor

HOMEWORK: 20 mins / day

PURPOSE: Musicians in concert band will continue the development of technique, skill, and knowledge of their instrument with a strong focus on fundamentals and ensemble skills. This course is a prerequisite for participation in Symphonic Band, Wind Ensemble, and any Jazz Ensembles at Mount Si. **SPECIAL REQUIREMENTS:** 3 evening concerts per year, participation in Wildcat Pep Band (Football) including 2-3 rehearsals before school starts in August, and performance 4-5 home football games. Participation in Basketball Pep Band as well as other activities during the year is optional but encouraged.

CONCERT CHOIR

Length / Credit: 1 Year / 1 Credit
Grade Level: 9
Graduation Requirement: Fine Arts or Elective

PREREQUISITE: None

HOMEWORK: 30 mins / week

PURPOSE: Concert Choir is open to all freshmen who want to participate in choir and music. This is a freshman choir. All interested freshmen will be placed in this choir (1st period) regardless of experience but can audition into advanced choirs as sophomores. Freshmen can participate in this choir regardless of previous vocal experience. Students will focus on learning basic choral vocal technique and basic rehearsal skills. Foundational music theory and music reading skills will be introduced. Students will work on developing a blended sound among three parts (SAB), which include both baritone and treble voices. **SPECIAL REQUIREMENTS:** Students in this course will have three evening concerts over the course of the year and will participate in at least one festival during a school day. Up to 3 additional performances, during and/or after school, may be scheduled at the discretion of the instructor, but will

be handed out on the calendar at the beginning of the school year. **CLASS VIDEO:** View [CHOIR](#)

INTERMEZZO CHOIR

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 30 mins / week

PURPOSE: Intermezzo Choir is a non-auditioned choir available to any 10th-12th grade students at Mount Si, regardless of previous experience.

This choir will be divided into two groups: a tenor/bass choir and a soprano/alto choir, allowing students to rehearse in sections that best fit their vocal range. Both choirs will focus on healthy vocal technique, music theory, and a variety of choral repertoire, ensuring a supportive and enriching experience for all singers, no matter their skill level.

Students will participate in three concerts and one festival, with the possibility of an additional festival that may take place both inside and outside school hours. This choir offers a lower commitment level compared to the advanced choirs while still providing meaningful performance opportunities.

CLASS VIDEO: CHOIR *May repeat course for credit.*

JAZZ BAND (All ENSEMBLE LEVELS)

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Must be enrolled in Concert Band, Symphonic Band, Wind Ensemble, or Percussion Ensemble. *Audition is required.*

HOMEWORK: 20 - 40 mins / day

PURPOSE: Musicians in Jazz Ensembles will have the opportunity to rehearse and perform a variety of music in the traditional big band setting from traditional 30's swing era, bebop, to arrangements of jazz standards and new compositions. Improvisation, listening skills, and jazz style are the focus of rehearsals and student development.

SPECIAL REQUIREMENTS: 3 evening "home" concerts, sectionals, evening rehearsals, festivals, and workshops through the school year. *May repeat course for credit.*

MUSIC CREATIVITY & COLLABORATION (MCC)

Length / Credit: 1 Semester / .5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: Occasional, 15 mins / day

PURPOSE: Students will explore their individuality and creativity through replicating and arranging existing music, as well as creating their own music, through collaboration with their peers. Students will learn the basics of various available self-selected instruments through instructor facilitation and student exploration. Students will learn about the basic forms of songs and will acquire the tools and foundation to compose by themselves and in a group. This class attempts to formalize the informal "rock band" setting and challenges students to think about arranging and composing in a more formal setting.

SPECIAL REQUIREMENTS: Students must attend one evening performance event as part of the final for the class. Date will be communicated at the beginning of the semester.

CLASS VIDEO: View [HERE](#)

May repeat course for credit.

MUSIC TECHNOLOGY

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Fine Art* or Elective

PREREQUISITE: None

PURPOSE: In this course, you will explore topics related to music technology, including the recording process, live sound reinforcement, and digital music creation. You will learn how to organize, record, mix, and master a recording session, and you will plan and implement live sound in concert settings. You also will create music in a variety of styles using loop- and groove-based software, such as GarageBand®. Students in this class will have the opportunity to work with MSHS performing groups during concerts and recording sessions throughout the year. Projects will include creating your own songs, setting up and running sound for a live concert, and recording tracks in a recording studio.

ORCHESTRA

Length / Credit: 1 Year / 1 Credit
Grade Level: 9-12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 2-3 hrs / week

PREREQUISITE: Students must have at least one year previous experience on a string instrument (violin, viola, cello, acoustic bass)

PURPOSE: Students enrolled in Orchestra will develop their abilities to play string instruments and deepen their overall understanding of musical concepts through rehearsal and performance of a variety of string and orchestral literature.

SPECIAL REQUIREMENTS: Students are required to perform at three evening concerts per year as well as two to three festivals during the school day. Additional performances may include community events, school events/assemblies, and Solo & Ensemble. *May repeat course for credit.*

PIANO 1

Length / Credit: 1 Semester / .5 Credit
Grade Level: 9-12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 30 mins / week **PREREQ:** NONE

PURPOSE: Students will learn basic piano skills at a novice level or improve existing piano skills to an intermediate level. No prior music experience is required. An emphasis will be placed on both learning by ear and on music notation and musical literacy. Music theory concepts will be studied in combination with performance skills on the piano. By the end of the semester, students will learn to play simple and complex melodies, as well as basic chords.

PIANO 2

Length / Credit: 1 Semester / .5 Credit
Grade Level: 9-12
Graduation Requirement: Fine Arts or Elective

PREQUISITE: PIANO 1

HOMEWORK: 30 mins / week

PURPOSE: This course is for the student that is interested in improving existing keyboard skills at an intermediate and/or advanced level. An emphasis will be placed both on learning by ear and on music notation and musical literacy. Music theory and composition concepts will be studied in combination with performance skills on the keyboards.

May repeat course for credit.

PERCUSSION ENSEMBLE/DRUMLINE

Length / Credit: 1 Year / 1 Credit
Grade Level: 9-12
Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Previous study as a percussionist throughout middle school and/or high school band.

HOMEWORK: 30 mins / day

PURPOSE: Percussion Ensemble is a specialized & collaborative learning environment for percussionists to explore and develop advanced techniques on a variety of instruments, ensemble & solo literature, with exposure to a diversity of world percussion cultures. Students will have numerous leadership & performance opportunities throughout the year including concerts with all concert bands, festivals, football games, solo & ensemble, and others.

SPECIAL REQUIREMENTS: Percussion Ensemble members will participate in the Wildcat Drumline, performing at all home football games. Performances at all concerts and festivals with Wind Ensemble, Symphonic Band, and Concert Band.

May repeat course for credit.

SYMPHONIC BAND

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Minimum 1 year either Concert Band or Symphonic Band. Musical & behavioral expectations from previous year's ensemble must be met. Audition is required.

HOMEWORK: 30 mins / day

PURPOSE: Specializing in the rehearsal and performance of intermediate & advanced literature for concert bands. Students will be challenged in technique, sound, and practice skill development. Symphonic Band participates in league festivals, school functions, solo & ensemble, and community events. All members participate in the Wildcat Band during football; participation in basketball pep band is optional.

May repeat course for credit.

SYMPHONIC WINDS

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 45 mins / day

PREREQUISITE: Minimum 1 year either Concert Band or Symphonic Band, or audition by Middle School Director recommendation for incoming 9th grade students. Musical & behavioral expectations from previous year's ensemble must be met. Audition is required.

PURPOSE: Specializing in intermediate to advanced music for high school wind ensembles, Symphonic Winds is an audition only, highly select ensemble. Symphonic Winds participates in league festivals, competitions, school functions, solo &

ensemble, community events, and in-district tours. All members must participate in the Wildcat Band during football season, participation in basketball pep band is optional.

CLASS VIDEO: View [HERE](#)

May repeat course for credit.

VOCAL JAZZ ENSEMBLES

Vocal Jazz 1 meets daily; Vocal Jazz 2 meets 3 mornings per week.

Length / Credit for Jazz 1 1 Year / 1 Credit

Length / Credit for Jazz 2: 1 Year / .5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

HOMEWORK: 20 mins / day for Vocal Jazz 1; 20 mins / day 3 times per week for Vocal Jazz 2

PREREQUISITE: Enrolled in a classical choir or band class during the school day. *Audition is required.*

PURPOSE: Vocal Jazz is a mixed gender choir which includes the various styles of jazz (Latin, Swing, Bebop, Funk, etc). Students who take this course must be very committed and willing to work on their music outside of class. There is heavy emphasis on performance in this course. Students will be expected to expand on the basic theory skills and vocal technique they are working on in their classical choral classes. Additional time will be spent on microphone technique and working with instrumentalists in the rhythm section.

SPECIAL REQUIREMENTS: Vocal Jazz 1 students will be expected to participate in jazz workshops one evening per month. Additionally, this group will attend several festivals (during the school day and/or on weekends) and perform at three jazz concerts with the jazz bands throughout the year. More performances may be added at the discretion of the instructor but will be communicated in advance. Students will be expected to practice on their own at home 20 min 3-5 days per week and may also need to schedule additional sectional rehearsals after school once a month. Vocal Jazz 2 students will be expected to perform at 3 additional jazz concerts, one evening workshop per month, and a few festivals outside of school. **CLASS VIDEO:** View [CHOIR](#)

May repeat course for credit.

VOCAL JAZZ WORKSHOP

Length / Credit: Semester / .5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

HOMEWORK: 20 mins

PREREQUISITE: Enrolled in a classical choir or band class during the school day.

PURPOSE: Vocal Jazz Workshop is an exploratory course designed for students interested in learning more about the various styles of jazz (Latin, Swing, Bebop, Funk, etc) and

developing their jazz vocal technique. We will study group and solo singing within the jazz tradition and learn about the fundamentals of jazz. Vocal Jazz Workshop is a fun way for students to develop their singing skills within an inclusive, welcoming environment, with little to no homework or requirements outside of class time.

SPECIAL REQUIREMENTS: Jazz Workshop students perform together once or twice a semester at an evening concert.

CLASS VIDEO: [HERE](#)

May repeat course for credit.

WIND ENSEMBLE

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Minimum 1 year either Concert Band or Symphonic Band. Musical & behavioral expectations from previous year's ensemble must be met. Audition is required.

HOMEWORK: 45 mins / day

PURPOSE: Specializing in advanced music for high school wind ensembles, this is the most advanced instrumental music course offered at Mount Si. The Wind Ensemble participates in league festivals, competitions, school functions, solo & ensemble, community events, and in-district tours. All members must participate in the Wildcat Band during football, participation in basketball pep band is optional.

May repeat course for credit.

WORLD DRUMMING

Length / Credit: 1 Semester / .5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

HOMEWORK: 30 mins / week

PURPOSE: World Drumming is a course that explores rhythmic motives derived from different cultures rich in percussive music, mainly West African and Latin American. The concept of polyrhythms and rhythm stacking through African, Latin, and Caribbean music will all be examined and practiced using music reading as well as by note memorization. Students will perform on various hand drum instruments of varying style and ethnic backgrounds. Rhythmic content will progress from the easy to medium level. Topics will include music reading skills, technique, and general musicality. Students will perform as a group and individually during class time. No musical background is required for this course.

Performing Arts Courses

DRAMA/THEATRE 1

Length / Credit: 1 Sem / .5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Art or Elective

PREREQUISITE: None

HOMEWORK: Occasional reading assignments. Memorization of scenes and monologues.
PURPOSE: Drama I is a general acting class which introduces students to the various aspects of theatre arts, including improv, movement, voice & speech, the principles of C.R.O.W., memorization techniques, and some theatre history and theory. Activities will include theatre games, solo and group pantomimes, Laban movement analysis, open-ended scene work, and monologue performances. Appreciation of drama will be enhanced through watching recorded theatre performances, possible guest artists, and many opportunities to practice the Audience Feedback Method.

DRAMA/THEATRE 2

Length / Credit: 1 Sem / .5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Art or Elective

PREREQUISITE: Drama/Theatre 1

HOMEWORK: Occasional reading assignments. Memorization of scenes and monologues.
PREREQUISITE: Passing grade in Drama 1 or teacher permission **Purpose:** Drama 2 builds on the foundations of theatre knowledge and acting techniques from Drama 1 (improv, movement, voice & speech, the principles of C.R.O.W., memorization techniques, theatre history and theory). Students will also learn specific acting techniques from the Uta Hagen and Konstantin Stanislavski methods. Drama 2 will delve into audition techniques, clowning, blocking, and blocking notation, script analysis, stage combat, and Shakespearean acting. Activities will include theatre games, clowning games, student-directed scenes, reading scripts together as a class, and mock-auditions, including performing two contrasting monologues, practicing cold-reading and slating. Feedback and self-evaluations are a core part of this course.

MUSICAL THEATER WORKSHOP (1&2)

Length / Credit: 1 Semester / .5 Credit
Grade Level: 9,10,11,12
Graduation Requirement: Fine Arts or Elective

HOMEWORK: 30 mins / week

PREREQUISITE: NONE

PURPOSE: This course is for the student that is interested in Musical Theatre- both on stage and “behind the scenes”. Students will have the opportunity to rehearse, perform, direct, and choreograph various numbers and scenes from the Broadway genre. Students will obtain training and skills associated with Musical Theatre: singing, acting, movement/choreography, and use correct terminology and vocabulary in written and oral discussion. Students will achieve understanding of the historical, creative, artistic, and aesthetic aspects of musical theatre in relationship to American History and will gain knowledge and understanding of the social and cultural impact of the musical theatre art form on society and culture. Performances will take place during class time throughout the semester, as well as a cumulative, evening “final performance” at the end of the semesters. Performances are required for all students. No previous musical experience is necessary to take this course.

SPECIAL REQUIREMENTS: Students must attend one evening performance event as part of the final for the class. Date will be communicated at the beginning of the semester.

PRODUCTION LAB

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Art, Occ Ed*, Elect

PREREQUISITE: One year of Drama/Theatre or Theater Tech **PURPOSE:** Drama Production Lab is a course designed for students to apply advanced theatre and leadership skills by taking on roles in the theatre-production process; actors, directors, and stage managers. Students will work together in small groups to create high quality one-acts or full-length plays, which the students will perform for the public at the end of the semester. This class is an opportunity for students to take ownership of the work and stories they want to tell. Actors in this class will build their audition repertoire and skills, practice acting techniques, gain rehearsal and performance experience, and apply feedback. Directors will work on script-selection, casting, organization, stage direction skills, and build communication skills as they work with other students, staff, and parents/guardians. Stage managers will learn “warm demander” leadership skills, take

blocking and line notes, build a complete prompt book, and will call their assigned show.

The instructor will provide guidance and support, and act as the production manager, but this class is extremely student driven. Special Requirements: tech and dress rehearsals, and final performances will all occur outside of class. **Occ. Ed only available to students in Stage Management roles. *May not meet all four-year college admissions requirement for Fine/Visual/Performing Arts. Please check with the college you are interested in attending.

THEATRE TECH

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11,12
Graduation Requirement: Occ. Ed., Fine Art* or Elective

PREREQUISITE: None **HOMEWORK:** None

PURPOSE: Theatre Tech is a one-year course which provides students with both exposure to and experience in all elements of technical theatre. Students will learn all the basics and tricks of the trade in makeup, costuming, lighting, crewing, special effects, set constructions, scenic artistry, and property creation. Through the design process, students will gain an appreciation for Theatrical Design as an art form and will recognize themselves as a creative part of a production team. **Skills Developed:** Students will learn how to use shop tools and materials safely, as well as learn how to design/build theatrical elements for production. **SPECIAL REQUIREMENTS:** Crewing productions at least once each semester will be a requirement of this class. *May not meet all four-year college admissions requirement for fine/Visual/Performing Arts. Please check with the college you are interested in attending.

CTE Arts Courses

CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS.

Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.

Examples:

- University of Washington requires one-half credit from art appreciation, band, ceramics, choir, dance, dramatic performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, Sculpture.

- University of California schools require one full credit course of visual and performing arts from the following course types: dance, drama/theater, music, or visual arts.



BAKING AND PASTRY 1

Length / Credit: 1 Year/ 2.0 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed. Fine Art, Elect

Prerequisite: Successful completion of Creative Cooking

Homework: Minimal

Purpose: This is a preparatory course following Creative Cooking. In this year-long course, students will have an in-depth study and hands-on experience of baking and pastry techniques and the restaurant industry. Areas of study include baking terminology, the use of tools and equipment, formula and recipe conversions, functions of ingredients, and methods used in creating quick breads, yeasted breads, pastries, cookies, pies, and other desserts. This course provides industry certification and prepares students to work in the industry.

BAKING AND PASTRY 2

Length / Credit: 1 Year/ 1.0 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Fine Art, Elective

Prerequisite: Successful completion of Baking & Pastry 1

Homework: Minimal

Purpose: Baking and Pastry 2 is a year-long course following Baking and Pastry 1. Students will develop and elevate their skills as well as the understanding of the science of baking. They will participate in school and community events managing and providing baked goods. Projects include bakery management, creating and testing recipes and cultural studies. Baking and Pastry 2 will focus on developing skill sets such as: leadership, communication, time management, and attention to detail. This course provides industry certification and prepares students to work in the industry.

MAY REPEAT COURSE WITH INSTRUCTOR PERMISSION.



CULINARY ARTS 1

Length / Credit: 1 Year / 2.0 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed/Fine Art/Elective

PREREQUISITE: Successful completion of Creative Cooking

HOMEWORK: None

PURPOSE: Step into the culinary world with Culinary 1! Here, you'll learn essential cooking techniques—from knife skills to food safety—while gaining hands-on experience by running

our student café. Culinary 1 students take charge of the café's daily operations, serving delicious treats to staff and students. You'll also earn your King County Food Worker Health Card, equipping you with the basics of safe food handling. This course is your starting point to explore what it's like to be part of a real kitchen crew! **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.* **Class Video:** [Culinary Class Video](#)

CULINARY ARTS 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed/Fine Art/Elective

PREREQUISITE: Successful completion of Culinary Arts 1
HOMEWORK: None

PURPOSE: Take your culinary skills to the next level! Culinary 2 introduces you to more advanced cooking techniques and gives you the chance to create unique menus and work with clients for special catering events. In this course, you'll start working alongside Culinary 3 students to tackle bigger culinary challenges and expand your food knowledge. Plus, you'll earn your ServSafe Manager Certification, giving you an edge in real-world food service. Get ready to take on exciting new projects and build on what you learned in Culinary 1! **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/universities may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

Class Video: [Culinary Class Video](#)



DIGITAL MEDIA ARTS ACADEMY, INTRO

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ Ed., Fine Arts, or Elective

HOMEWORK: Minimal
PURPOSE: The Mount Si Digital Media Arts Academy is an award-winning program where you can unleash your passion and creativity. During the Introduction course you will learn and develop the skills needed for a career in the digital arts through hands-on training and experience. You will develop the skills to produce a wide variety of digital media including filmmaking, animation, graphic design, and web designs. At the end of the course, you will have developed an online portfolio that highlights all your new skills and artwork.

CLASS VIDEO: [Intro Digital Media Arts Academy](#)



DIGITAL MEDIA ARTS ACADEMY 1

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ Ed., Fine Arts*, or Elective

PREREQUISITE: Intro Digital Media Arts Academy
HOMEWORK: Minimal

PURPOSE: Join some of the most talented digital artists in the Northwest at the Mount Si Digital Media Arts Academy and get your name engraved on one of the many golden trophies lining the wall of fame. This year long course will give you the opportunity to master professional media tools and develop industry specific skills in your choice of digital media tracks: Filmmaking, Graphics Design, Animation, or Web Design (student selects one area of emphasis). You will work individually and with interdisciplinary teams of students to create significant projects for your professional portfolio/demo reel. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*

CLASS VIDEO: [DIGITAL MEDIA & TELEVISION PRODUCTION](#)



DIGITAL MEDIA ARTS ACADEMY 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ Ed., Fine Arts*, or Elective

PREREQUISITE: Digital Media Arts Academy 1
HOMEWORK: Minimal

PURPOSE: Digital Media 2 is a hands-on, project-based class where students build on the foundational skills acquired in Digital Media 1 and delve into advanced studies across various digital media disciplines. In this course, students will actively contribute to the media production needs of our school and community, gaining real-world experience. Students will have the opportunity to lead small group projects and organize regional events, fostering leadership and collaboration skills. They will be encouraged to work with clients and participate in regional and national competitions, enhancing their professional portfolio and competitive edge. Throughout the course, students will focus on developing a comprehensive digital portfolio, producing college admissions films, animations, and digital art. Additionally, they will have the chance to earn additional Adobe Certifications. This course is designed to provide students with the skills and experiences necessary to excel in the dynamic field of digital media, preparing them for future academic and career opportunities. *May repeat class for credit.*

CLASS VIDEO: [Digital Media 2](#)



ENGINEERING DESIGN, INTRO

Length / Credit: 1 Year / 1.0 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed/Fine Arts/Elective

PREREQUISITE: Successful completion of Engineering Essentials **PURPOSE:** Project Lead the Way Curriculum. In this course students will build upon skills developed in Engineering Essentials. Students will deepen their understanding of the design process and their proficiency in 3D modeling design software while learning new processes such as reverse engineering. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global human impacts, engineering standards and technical documentation.

MUSIC TECHNOLOGY

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11,12
Graduation Requirement: Occ. Ed., Fine Art or Elective

PREREQUISITE: None
PURPOSE: In this course, you will explore topics related to music technology, including the recording process, live sound reinforcement, and digital music creation. You will learn how to organize, record, mix, and master a recording session, and you will plan and implement live sound in concert settings. You also will create music in a variety of styles using loop- and groove-based software, such as GarageBand®. Students in this class will have the opportunity to work with MSHS performing groups during concerts and recording sessions throughout the year. Projects will include creating your own songs, setting up and running sound for a live concert, and recording tracks in a recording studio.



PHOTOGRAPHY 1

Length / Credit: 1 Semester / 0.8 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed., Elective

HOMEWORK: Minimal
PURPOSE: Photography 1 is a hands-on project-based class which introduces students to many photographic topics. Units include: Introduction to Photography, Design Elements & Composition, Workflow, Digital Camera Use and Digital Image Management & Editing. Students will learn how to use manual functions on a DSLR. Hands-on projects will reinforce what has been discussed in class. Project themes vary but may include portrait, landscape, architecture, action, products and phot essay. Students will create digital portfolios and use social

media to publish their work and participate in regular guest presentations by “Photo Ambassadors” that profile how photography is used in the “real world”.

CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

PHOTOGRAPHY 2,3,4

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9 (Photo 2) 10, 11, 12
Graduation Requirement: Occ Ed., Fine Arts, Elective

PREREQUISITE: Photo 1 etc. **HOMEWORK:** Minimal
PURPOSE: Photography 2 and 3: are a hands-on project-based class in which students build on the skills they learned in Photo one and two and apply advanced studies in many areas of Photography. They will contribute to Public Relations efforts at the school and district level. Units may include History of Photography, Design Elements & Composition, Workflow, Digital Camera Use and Digital Image Management and Editing, Photography as Art. Hands-on projects will reinforce what has been discussed in class. Project themes vary but may include portrait, landscape, architecture, action, products, PR, and photo essay. Photo three students will have the opportunity to create an Independent Photo Project (IPP) related to topics of their selection. Students will create digital portfolios and use social media to publish their work and participate in regular guest presentations by “Photo Ambassadors” that profile how photography is used in the “real world”.

Photography 4: is a hands-on project-based class in which students build on skills they learned in Photo 1-3. Students will work more independently in advanced areas of interest in Photography. They will create an Independent Photo Project (IPP), an agreed upon contract between both the student and the instructor that clarifies topics, goals, timelines, evaluations, and overall themes. Projects that include community outreach and connections will be encouraged. Students will contribute to Public Relations efforts at the building and district level, Photo Help and Photo Project creation and act as mentors to other students. **COST:** Possible printing costs

CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

POTTERY 1

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Beginning Ceramics
HOMEWORK: 15 mins / day
PURPOSE: In this course, students will focus on the elements and aspects in the production of functional pottery on the wheel. This course will focus on understanding and applying knowledge of ceramic techniques, such as kiln firing and

glazing, to a variety of projects emphasizing creative design and craftsmanship.

This course will build upon the foundational knowledge learned in the Beginning Ceramics 1 class.

POTTERY 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Pottery 1

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on the elements and aspects in the production of functional pottery on the wheel. This course will focus on understanding and applying knowledge of ceramic techniques, such as kiln firing and glazing, to a variety of projects emphasizing creative design and craftsmanship. This course will build upon the foundational knowledge learned in Beginning Ceramics class. *May repeat course for credit.*

SCULPTURE 1

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

PURPOSE: In this course, students will focus on a variety of techniques, such as subtractive (carving), additive (modeling), and assemblage in the creation of three-dimensional works in clay and other media. Students will practice these new techniques and methods while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. This course will build upon the foundational knowledge learned in the Beginning Ceramics class.

SCULPTURE 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed. or Elective

PREREQUISITE: Sculpture 1

HOMEWORK: 15 mins / day

PURPOSE: This is an upper-level studio class where students will further develop their skills and techniques in the production of representational and abstract sculptures. Students will be encouraged to refine their creative processes and methods while developing their own artistic styles, following, and breaking from traditional sculptural conventions. This course will also provide instruction in the process of responding to sculpture through analysis, critique, and interpretation for the

purpose of reflecting on and refining work. This course will build upon knowledge learned in the Sculpture 1 class.

MAY REPEAT COURSE FOR CREDIT



TELEVISION PRODUCTION

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11,12
Graduation Requirement: Occ. Ed., Fine Arts or Elective

PREREQUISITE: None

HOMEWORK: 60 minutes per week

PURPOSE: In this course students will be introduced to the field of Broadcast Journalism and will write, produce, and edit news segments/podcasts that may be broadcast on at the High School (Wildcat TV). Students will get a chance to assume every role within a studio setting including but not limited to director, producer, anchor, cameraman, technical director, audio technician and teleprompter operator. Students will also be responsible for filming and editing school events and/or video productions. It will require after school hours.

CLASS VIDEO: DIGI MEDIA & TELEVISION PRODUCTION

THEATRE TECH

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11,12
Graduation Requirement: Occ. Ed., Fine Art* or Elective

PREREQUISITE: None **HOMEWORK:** None

PURPOSE: Theatre Tech is a one-year course which provides students with both exposure to and experience in all elements of technical theatre. Students will learn all the basics and tricks of the trade in makeup, costuming, lighting, crewing, special effects, set constructions, scenic artistry, and property creation. Through the design process, students will gain an appreciation for Theatrical. Design as an art form and will recognize themselves as a creative part of a production team. **Skills Developed:** Students will learn how to use shop tools and materials safely, as well as learn how to design/build theatrical elements for production. **SPECIAL REQUIREMENTS:** Crewing productions at least once each semester will be a requirement of this class. *May not meet all four-year college admissions requirement for fine/Visual/Performing Arts. Please check with the college you are interested in attending.

CORE PLUS MARITIME (formerly ADVANCED WELDING)

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., Fine Arts or Elective
PREREQUISITE: Welding & Mfg Tech 1 & 2

HOMEWORK: None

PURPOSE: Dive into the fascinating world of maritime engineering and welding while prioritizing safety with our high school Core Plus Maritime Welding class. Master various advanced welding techniques that include MIG, TIG, and arc welding. Students will learn maintenance and preservation of vessels, manufacturing materials, Gelcoat and fiberglass repair, and some basic marine repairs. By the end of the course, students should have a solid foundation to launch a successful career in maritime welding, shipbuilding, or related fields, with a strong emphasis on responsible boating practices.

Skills Developed: Students will learn advanced welding practices and skills focused on the marine industry. Industry certifications will be offered.

WELDING/METALS & MFG. TECH. 1 & 2

Length / Credit: 1 Semester / 0.5 Credit Welding 1
1 Semester / 2.1 Credit Welding 2
Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed, Fine Arts or Elective

PREREQUISITE: Students must complete Welding/Metals & MFG 1 before taking Welding/Metals & MFG 2.

HOMEWORK: Minimal

PURPOSE: Students learn to design, layout and fabricate projects using different materials, processes and procedures found in the metal working industry. The student will learn basic metal-working skills while developing attitudes and habits necessary for working safely and effectively in this environment. Problem solving techniques will be developed in designing and determining the materials and equipment to be used to produce a productive manufacturing environment. Additionally, students receive instruction, practice and gain experience with oxy/acetylene welding and brazing; wire feed welding (MIG/GMAW); stick or electric arc welding (SMAW); tungsten inert gas welding (TIG/GTAW); plasma metal cutting; and aluminum welding. Individual and team projects are modeled after industrial operations and are carried out in a large well-equipped classroom laboratory. Students will also explore and investigate career and occupational options.

CLASS VIDEO: [WELDING CLASS VIDEO](#)

WOODWORKING 1 & 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Fine Arts or Elective

HOMEWORK: N/A

PREREQUISITE: Students must complete Woodworking 1 before taking Woodworking 2 **PURPOSE:** The focus of the Woodworking Class is on the use of wood as an art and design medium. The program is designed to enable students to conceptualize, design, and create one-of-a-kind functional related artwork. Courses provide students the opportunity to develop their conceptual and technical abilities while creating a variety of projects. Instruction covers the use of traditional and advanced tools and processes commonly used to shape and fabricate wood-based objects. The emphasis of the course is on creative problem solving, hand and power tool proficiency, and quality craftsmanship.

May repeat class for credit.

General Elective Courses

ENGLISH LANGUAGE DEVELOPMENT (ELD) FOR ENGLISH LEARNERS/MULTILINGUAL LANGUAGE LEARNERS (MLL)

(LEVELS 1, 2, AND 3)

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Elective

PREREQUISITE: By placement only

HOMEWORK: N/A

PURPOSE: 1. To help MLL students develop their English language proficiency in listening, speaking, reading, writing, and grammar. 2) To learn American culture and share their own cultures (experience multi-culture in class). 3) Maximum of one class period each week for help on mainstream subjects.

SKILLS DEVELOPED: Reading, writing, listening, and speaking in English. Basic literacy and numeracy as needed. Study skills, communication skills, grammar, projects, note taking, organizational techniques, public speaking, and working in a group.

English Language Arts Courses

- 4.0 credits required for high school graduation.

ENGLISH LANGUAGE ARTS PATHWAYS

4 credits required for graduation

| Minimum Requirements | On Grade Level Courses | Advanced Path |
|--------------------------|------------------------|----------------------|
| 4 Credits Required | 4 Credits Required | 4 Credits Required |
| 9th Grade | 9th Grade | 9th Grade |
| Choose One Option | | |
| English 9 | English 9 | Pre-AP English 9 |
| Pre-AP English 9 | | |
| 10th Grade | 10th Grade | 10th Grade |
| Choose One Option | | |
| English 10 | English 10 | Pre-AP English 10 |
| Pre-AP English 10 | | |
| 11th Grade | 11th Grade | 11th Grade |
| Choose One Option | | |
| American Literature | American Literature | AP English Lang/CHS* |
| AP English Lang/CHS* | | |
| 12th Grade | 12th Grade | 12th Grade |
| Choose One Option | | |
| English 12 Lit | English 12 Lit | AP English Lit* |
| AP English Lit* | | |
| Bridge to College** | | |

*Indicates College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment.

**Bridge to College ELA may assist students with their entrance into postsecondary credit bearing courses. For the participating institutions (reference the course catalogue), high school students who earn a B or better in the BtC ELA and then begin college the year following graduation, can be placed directly into a college-level English composition course. BtC ELA can also fulfill the ELA state testing graduation requirement, and is NCAA approved.

9th Grade Language Arts

ENGLISH 9

Length / Credit: 1 Year / 1 Credit
Grade Level: 9
Graduation Requirement: Language Arts or Elective

HOMEWORK: 20 mins / day

PURPOSE: The goal of English 9 is to provide strong foundations for students in the core areas of language arts: reading, writing, and critical thinking. Through the exploration of a diverse curriculum of literary works, genres, and writing styles, students will develop the skills necessary for effective communication and further academic success. The completion of all coursework and participation in class discussions and activities are essential to a student's achievement.

SKILLS DEVELOPED: Reading activities will focus on the areas necessary for success in an academic environment. Therefore, thematic analysis, textual examination, and the fostering of critical thinking skills will be heavily emphasized. Students will learn to better support original ideas and commentary with concrete evidence. Writing activities will center on the development of a structured writing process and meeting the standards of the six-trait writing model for paragraph and essay writing. Grammar and vocabulary will be addressed in conjunction with student writing and the literary content of the course.

PRE-AP ENGLISH 9

Length / Credit: 1 Year / 1 Credit
Grade Level: 9
Graduation Requirement: Language Arts/Elective

HOMEWORK: 30 min/day

Pre AP English 9 is designed to prepare students for the next level Pre AP and AP English courses and college-level coursework.

PURPOSE: Pre-AP English 9 focuses deeply on ELA concepts and skills with an emphasis on college readiness. Participants will read and write, participate in class discussion and presentations and complete research. Texts take center stage, preparing students for close critical reading and analytical writing. The course trains readers to observe small details in a text to arrive at a deeper understanding of the whole. It trains writers to create complex sentences and builds foundational skills to establish sophisticated longer form analyses. This course is designed to prepare students for future Pre AP and AP English courses. CONT.....

SKILLS DEVELOPED: Reading will be focused on thematic analysis and close textual analysis, as well as analysis of author style and craft. This is a foundational course that focuses on ensuring that claims students make are grounded in textual evidence. Writing activities focus on effective writing of multi-paragraph essays and sets of expectations that are required in AP: telling details, pivotal words and phrases, compelling evidence, and powerful openings, in addition to other essential critical thinking skills around writing. Analysis, critical thinking and exploration of literature will be expected daily. Texts will be complex and push students to explore the world around them through an analysis.

ENGLISH 9 RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 9
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 min/day

PREREQUISITE: IEP goal related to reading and/or written expression areas.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the 9th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces English 9 and meets the National Collegiate Athletic Association and College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

10th Grade Language Arts

ENGLISH 10

Length / Credit: 1 Year / 1 Credit
Grade Level: 10
Graduation Requirement: Language Arts or Elective

HOMEWORK: 30 mins / day

PURPOSE: The goal of English 10 is to enable students to read, write, and think competently and originally about literary, moral, philosophical, and emotional issues encountered in literature. Participants will continue to develop essential writing and communication skills while examining a wide variety of literary genres and writing styles. The completion of all coursework, as well as participation in class discussions and activities, are essential to a student's success.

SKILLS DEVELOPED: Reading activities will focus on thematic analysis, textual examination, and the fostering of critical thinking skills. Students will learn to better support original ideas and commentary with concrete evidence. Writing activities will continue to emphasize a structured writing process and the six-trait writing model for paragraph and essay writing. Grammar and vocabulary will be addressed in conjunction with student writing and the literary content of the course.

PRE-AP ENGLISH 10

Length / Credit: 1 Year / 1 Credit
Grade Level: 10
Graduation Requirement: Language Arts or Elective

HOMEWORK: 40 mins / day

Pre-AP English 10 is designed to prepare students for the next level AP English courses and college-level coursework.

PURPOSE: Pre-AP English 10 builds on the foundations of Pre-AP English 9. While Pre-AP English 9 introduces the fundamentals of close observation, critical analysis, and the appreciation of the author's craft, Pre-AP English 10 requires students to apply those practices to a new array of nonfiction and literary texts. Students will be expected to fulfill course expectations creatively, independently, and responsibly. As readers, students become aware of how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students compose more nuanced analytical essays while never losing sight of craft and cohesion. This class is designed to prepare students not only for sophomore state standards and assessments, but also for future AP classes and for the expectations and demands of a four-year university.

SKILLS DEVELOPED: Reading activities will focus on thematic analysis and close textual examination. A major goal of the course will be to ensure that assertions are supported with textual evidence. Writing activities will emphasize the structured writing model in paragraphs and essays. A major element in the study of each literary work is the writing of an analytical essay focusing on some major aspect of the work. Arguments, persuasion in literature, synthesis, and purpose in poetry and prose are the foundational units of study. Students understand how writers and speakers use specific words and sentences to move the thoughts, emotions, and actions of readers and listeners. Also included in the course are individual and group oral presentations and projects focusing on major works. Grammar will be addressed in the context of writing.

ENGLISH 10 RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 10
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: IEP goal related to reading and/or written expression areas.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the 10th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces Language Arts 10 and meets National Collegiate Athletic Association and College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

11th Grade Language Arts

AMERICAN LITERATURE

Length / Credit: 1 Year / 1 Credit
Grade Level: 11
Graduation Requirement: Language Arts or Elective

HOMEWORK: 30 mins / day

PURPOSE: While this class is suitable for all students, it is intended to be taught to prepare students for college. Students will have the opportunity to learn about American literature as well as practice and reinforce basic skills in reading and writing. The course is typically taught chronologically with literary philosophies as guiding principles. Events studied in U.S. History will correspond to American literary development. The course is also designed to reinforce those skills necessary for success on junior-level state reading and writing assessments.

SKILLS DEVELOPED: Literary analysis, interpretive reading, style analysis, SAT preparation, essay writing, and discussion. Writing includes sentence structure, punctuation and mechanics as needed, paragraphs, essay writing, editing, and revising. Students will also learn to produce research papers using MLA format.

AP ENGLISH LANGUAGE/CHS

Length / Credit: 1 Year / 2.0 Credits
Grade Level: 11
Graduation Requirement: Language Arts or Elective

HOMEWORK: 60 mins / day

Honors/AP courses are rigorous and are designed to prepare students for college level coursework homework.

PURPOSE: Students will read, discuss, ponder, and write about American literature and the ideas contained therein. Higher level thinking skills will be taught; expository and persuasive writing will be the core of the writing program; vocabulary development will be a significant element; grammar and mechanical instruction will occur as needed; and a major element of the course will be rhetorical and stylistic analysis of non-fiction pieces. All elements of the course will be taught at an advanced level, and students will be expected to perform in a mature, thoughtful manner that indicates a true commitment to academic study of the highest level. The course is specifically designed to prepare students not only to meet the standards of junior-level state reading writing assessments, but also for study in a four-year university, for study in a four-year university, and for strong performance on both the SAT exam and the Advanced Placement Exam for Language and Composition.

SKILLS DEVELOPED: Advanced literary and stylistic analysis; close reading of complex texts; rhetorical analysis of non-fiction pieces; advanced vocabulary knowledge; essay writing as a process; stylistic concerns within writing including diction, syntax, tone, knowledge of audience and purpose; test taking strategies as relates to state reading and writing assessments, SAT, and AP tests; discussion/debate; higher level thinking skills; research using the MLA style.

*College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment. **COST:** AP exam fee TBD (AP exam is optional).

AMERICAN LITERATURE RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 11
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: IEP goal related to reading and/or written expression areas.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the

10th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces Language Arts 11 and meets National Collegiate Athletic Association and College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

12th Grade Language Arts**AP ENGLISH LITERATURE**

Length / Credit: 1 Year / 2.0 Credits
Grade Level: 12
Graduation Requirement: Language Arts or Elective

HOMEWORK: 60 mins / day

Honors/AP courses are rigorous and are designed to prepare students for college level coursework

PURPOSE: AP English Literature is a year-long course designed to prepare students for the skills necessary for strong performance on the AP English Literature exam and to prepare students for success in college as a reader, writer, and thinker. Through the combined study of style analysis, close reading, and literary periods, terms, and concepts, students will develop their skills as they read, write, and think about English literature and the ideas contained therein. The focus will be on both verse and prose and students will continue to refine their approach to analyzing complex texts as the year progresses. All elements of the course will be taught at an advanced level, and students will be expected to perform in a mature, thoughtful, independent, and creative manner that indicates a true commitment to academic study of the highest level.

Cont.....

SKILLS DEVELOPED: Advanced literary and stylistic analysis; close reading of complex texts; advanced vocabulary knowledge specific to the study of literature; essay writing as a process; style analysis (including the study of detail, diction, syntax, tone, point of view, and organization); test taking strategies as related to the AP test; discussion/debate; presentation skills, higher-level thinking skills; research using the MLA style.

COST: AP exam fee TBD (AP exam is optional)

*College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment.

BRIDGE TO COLLEGE

Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: Language Arts or Elective

HOMEWORK: TBD

PURPOSE: Bridge to College English Language Arts is a senior level year-long course focusing on the English Language Arts key readiness standards from Washington State's K-12 Learning Standards for English Language Arts (the Common Core State Standards, CCSS-ELA). The course curriculum emphasizes and develops students' college and career readiness by building skills in critical reading, academic writing, speaking & listening, research and inquiry, and language use defined by the CCSS-ELA for high school. Bridge to College English Language Arts was designed for students who would benefit from more time and practice to master the CCSS-ELA core standards. As Bridge to College ELA is a course designed to bridge high school to college, this course may assist students with their entrance into post-secondary credit bearing courses (currently, Eastern Washington University and all 34 of the state's community and technical colleges). For these participating institutions, high school students who earn a B or better in the Bridge to College English Language Arts and then begin college the year following graduation, will be placed directly into a college-level English composition course. *Bridge to College English Language Arts can fulfill the ELA state testing requirement.

This course is approved by NCAA.

ENGLISH 12 LITERATURE

Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 mins / day

PURPOSE/GOAL: English 12 Literature is a year-long course designed to prepare students to read and write at a college and post-high school level. To develop writing skills, students will produce application/scholarship essays and at least four essays of a type commonly required in post-secondary

education. At least one of these essays will reinforce research and citation skills. To prepare for the SAT and essay examinations, students will also write in a timed environment. Students will elevate their writing and reading skills through interpretation and analysis of novels, poetry, short stories, film, music, journalism, and non-fiction texts.

SKILLS DEVELOPED: Students will develop and refine interpretive and analytical skills through reading, viewing, and listening to novels, poetry, short stories, films, non-fiction texts, and journalism. Students will learn to support assertions

with concrete evidence. This course requires students to read regularly, participate in discussions, observe timelines, and write clearly and concisely. Writing skills emphasized will include analytical writing, opinion writing, research writing, professional writing and editing skills.

ENGLISH 12 RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: IEP goal related to reading and/or written expression.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the 12th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces English 12/Lit and meets College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

This course is approved by NCAA.

Mathematics Courses

For more information on MSHS Math Pathways, please visit the SVSD Math Pathways page under the Academic Programs and Services tab on the home page:

<https://www.svsd410.org/client-page-academics/math-pathways>

ALGEBRA 1

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Math or Elective

HOMEWORK: 20 mins / day

PURPOSE: In this course the student will learn to classify, operate on, and identify properties of real numbers, solve and graph linear and quadratic equations and inequalities, and solve related story problems.

MATERIALS: Scientific calculator

ALGEBRA 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Math or Elective

PREREQUISITE: Successful completion of both Algebra 1 and Geometry, or credit from Algebra 1 and concurrent enrollment in Geometry with instructor permission.

HOMEWORK: 30 mins / day

PURPOSE: This course will review and expand on topics already covered in previous courses and introduce new concepts necessary for continuation in more advanced mathematics. Students will solve complex equations and perform operations on polynomial, exponential, and logarithmic functions, rational expressions, and complex numbers.

MATERIALS: Graphing calculator (Recommended TI-84)

ALGEBRA 2, PRE-AP

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Math or Elective

PREREQUISITE: Successful completion of both Algebra 1 and Geometry, (Earning a B or better is highly recommended) or credit from Algebra 1 and concurrent enrollment in Geometry with instructor permission.

HOMEWORK: 30 mins / day

In Pre-AP Algebra 2, students solidify and extend the understanding of functions and data analysis developed in prior courses.

Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions. Quantitative literacy is developed by weaving data sets, contextual scenarios, and mathematical modeling throughout the course.

The Pre-AP mathematics areas of focus are vertically aligned to the mathematical practices that are fundamental to the discipline of mathematics in high school, AP courses, and beyond. This gives students multiple opportunities to think and work like mathematicians as they develop and strengthen these disciplinary reasoning skills throughout their education:

- Connections among multiple representations: Students represent mathematical concepts in a variety of forms and move fluently among the forms.
- Greater authenticity of applications and modeling: Students create and use mathematical

models to understand and explain authentic scenarios.

- Engagement in mathematical argumentation: Students use evidence to craft mathematical conjectures and prove or disprove them.

The content of this course is important to students' success on SAT, ACT and college mathematics entrance exams. This course also prepares students for entry into AP mathematics courses at MSHS.



AP CALCULUS AB/CHS

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: Math or Elective

HOMEWORK: 30-45 mins / day

PREREQUISITE: Successful completion of Pre-Calculus

RECOMMENDATION: B or better in Pre-Calculus

Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

PURPOSE: The course covers differentiation and integration. It is equivalent to two thirds of a year-long college calculus sequence. Students are expected to take the AP Calculus AB exam, which allows the student the opportunity to earn college credit. *College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement assessment. **MATERIALS:** Graphing calculator (Recommended TI-84. no QWERTY keyboards) **COST:** AP exam fee TBD



AP CALCULUS BC/CHS*

Length / Credit: 1 Year / 1.0 Credit

Grade Level: 12

Graduation Requirement: Math or Elective

HOMEWORK: 30-45 mins / day

PREREQUISITE: Successful completion of AP Calculus AB

Honors/AP courses are rigorous and are designed to prepare students for college level coursework.

HOMEWORK: 30-45 mins / day

PURPOSE: AP Calculus BC is a second level college course where students gain an understanding of the concepts of calculus and experience its methods and applications. Topics include parametric, polar, and vector functions; computation and application of derivatives; techniques of anti-differentiation and application of integrals; polynomial

approximations and series. Technology is used to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Students are expected to take the Advanced Placement exam. *College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment. **COST:** AP exam fee TBD

AP PRECALCULUS/CHS



Length / Credit: 1 Year / 2.0 Credits
Grade Level: 10, 11, 12
Graduation Requirement: Math*, Occ. Ed, Elective
PREREQUISITE: Successful completion of Algebra 2, Advance Alg/Trig or Precalculus.

HOMEWORK: 30-45 mins / day
PURPOSE: AP Precalculus is a college level, rigorous course that will prepare students for AP Calculus and other college-level mathematics courses. Students acquire and apply mathematical tools in real-world modeling situations using graphical, numerical, verbal, and analytical representations in preparation for using these tools in college-level calculus. AP Precalculus strengthens students' conceptual understanding of problems and fosters further development of mathematical reasoning, critical thinking and problem solving. The course will push students to think deeply to solve problems. Course topics include parent functions and transformations, polynomials, rational functions, composite functions, exponential and logarithmic function, trigonometry and polar functions, analytical trigonometry and applications, conic sections, vectors, polar coordinates, sequence and series, and limits. We recommend you select AP Precalculus/CHS for your student's next math course if your student is excited about the opportunity for a challenge and is willing to engage in productive struggle and work independently through complex problems. Success in AP Precalculus/CHS will also likely require your student to spend time working on homework and studying content daily. *College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment. This course will prepare you for AP Calculus AB for the subsequent school year.

AP STATISTICS/CHS



Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Math or Elective
PREREQUISITE: Successful completion of Geometry. *AP courses are rigorous and are designed to prepare students for college level coursework.*

HOMEWORK: 30-45 mins / day
PURPOSE: The course is intended for students interested in studying central tendency concepts, sampling methods, data analysis and display, normal and binomial distributions, hypothesis testing, and modeling/prediction. We will use technology to collect and analyze data throughout the course to make meaningful decisions about the world in which we live. This course will prepare the student to take the AP Statistics exam, which allows the student the opportunity to earn college credit. **MATERIALS:** Graphing calculator (TI-84)
*College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment.
COST: AP exam fee to be determined

CALCULUS

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Math or Elective
PREREQUISITE: Successful completion of Pre-Calculus

HOMEWORK: 30-45 mins / day
PURPOSE: This introductory course presents most of the same material (differentiation and integration) as AP Calculus AB, but at a slower pace. This course is not intended to prepare students to take the AP Calculus AB exam. This class will prepare students for AP Calculus AB or 1st year calculus in college.
MATERIALS: Graphing calculator (Recommended TI-83/84+)

FINANCIAL ALGEBRA



Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Math*, Occ. Ed, Elective
PREREQUISITE: For Occ. Ed no prerequisite. For math credit successful completion of geometry and counselor approval if used for math credit. **HOMEWORK:** 20 min. / day
PURPOSE: Students study algebra through real life financial concepts as it applies to business interests and personal financial management. Topics include how to purchase a dream car and insure it, how the student's credit score can save them money, understanding the paycheck, managing

income taxes, preparing a budget, and making money work for them on the stock market. Participate in hands-on stock market simulation, calculating profit and loss on investments. Focus on achieving financial independence.

*If a student enrolls in this class to satisfy a math requirement for graduation, the parent/guardian must sign a document acknowledging that they understand this course does not satisfy college-entrance math requirements, but it does meet the Washington State High School graduation requirement for a 3rd year math class.

GEOMETRY

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Math or Elective

PREREQUISITE: Successful completion of Algebra 1

HOMEWORK: 30 mins / day

PURPOSE: The course covers traditional Euclidian topics of plane and solid geometry. Units include lines, angles, triangles, polygons, congruence, similarity, circles, area, and volume, and some proofs. Students will analyze problems and reach a logical conclusion by using deductive and/or inductive reasoning. Students will learn to perform geometric constructions and to investigate properties and relationships in geometric figures. **MATERIALS:** Scientific calculator

PRE-CALCULUS

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Math or Elective

PREREQUISITE: Successful completion of Algebra 2 or Applied Algebra 2. See math pathway diagram for more information.

HOMEWORK: 30-45 mins / day

PURPOSE: Precalculus builds on topics covered in previous math courses while also introducing students to new content necessary for success in subsequent math courses. The course will also provide opportunities for students to strengthen foundational math skills while also developing mathematical reasoning, critical thinking skills and problem-solving skills. Students will grow their mathematical reasoning in preparation for the requirements of Calculus. Topics include fundamental concepts of algebra, functions and graphs, polynomials and rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry, systems of equations and inequalities, conic sections, sequences, and probability.

We recommend you select Precalculus for your student's next math course if your student is excited about the opportunity for a challenge and is willing to engage in productive struggle

and work independently through complex problems. Success in Precalculus will also likely require your student to spend time working on homework and studying content daily.

This course will prepare you for Calculus for the subsequent school year or you may register for AP Precalculus following this course.

Occupational Education Courses

APPLIED OFFICE

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed. or Elective

This course is graded as pass or fail

PREREQUISITE: By permission from Office Manager/Secretary

HOMEWORK: N/A

PURPOSE: Practical experience in clerical skills developing proficiency necessary for employment.

SKILLS DEVELOPED: Business etiquette, typing techniques, filing, telephone, data entry, etc. Students can apply skills gained in other business classes to the operation of the high school offices (Attendance, Counseling or Main Office). Good attendance and honesty are musts for this responsibility.

May repeat class for credit.

CC Seminar (College and Career Seminar)

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Grad Requirement: Occ. Ed or Elective

PREREQUISITE: Placement by application only

HOMEWORK: 15 mins / day

PURPOSE: College and Career Seminar, previously AVID, is a course designed to prepare students for success in rigorous courses and entrance into four-year colleges and universities.

SKILLS DEVELOPED: CC Seminar students collaborate with peers and tutors to deepen their content knowledge, practice questioning strategies and lead discussions. The CC Seminar coursework focuses on writing, inquiry, collaboration, organization and reading strategies that students will use for success in rigorous courses and in college.

LIBRARY AIDE

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed or Elective

HOMEWORK: N/A

PURPOSE: Students will learn entry level skills necessary to work in a library and educational support environment.

SKILLS DEVELOPED: Library Aides will be trained in tasks like shelving books, creating book displays, conducting shelf-reads and taking inventory. They'll also work in the Library's Copy Center, making copies and doing lamination projects to support teachers and staff.

SPECIAL REQUIREMENTS: Students should have a love of books, be able to work independently, be self-motivated, be

accurate and detail oriented, and have an interest in helping others. They must be trustworthy, responsible, and have excellent behavior and attendance.

May repeat class for credit.

STUDENT TECH SUPPORT SPECIALIST

See counselor for class placement.

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed or Elective

PREREQUISITE: CTE Director approval

HOMEWORK: N/A

SKILLS DEVELOPED: The High School Student Tech Support Specialist course is designed to prepare students for a future career in the fast-paced and dynamic field of technology support. In today's digital age, technology plays a vital role in education, business, and everyday life. As a student technology support specialist, students will develop the skills and knowledge needed to troubleshoot, maintain, and support a wide range of technology devices, applications, and systems. This course offers a hands-on, immersive learning experience that empowers students to become tech-savvy problem solvers and valuable assets in their school and future workplace.

PEER TUTORS

Please note:

- Available to grades: 11th and 12th
- Peer Tutor courses are graded with a 'Pass or Fail' grade.
- Students must earn a "C" or better in the class they elect to tutor their peers. (Does not apply to Life Skills).
- Students may select only one peer tutor class per semester and may not exceed a total of 2.0 credits.

PEER TUTOR

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Elective

HOMEWORK: N/A

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in classroom environments. These tutors will be working in conjunction with assigned Mount Si High School teachers and will be supervised by the assigned teachers. Tutors will assist students by providing explanations, clarifying assignments, offering pre-test preparation activities, etc. The purpose is to promote one-on-one peer assistance related to classroom learning activities. *May repeat this class for credit*

PEER TUTOR: PE/LIFESKILLS

Length / Credit: 1 Semester / 0.50 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., PE, or Elective

HOMEWORK: N/A

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in a physical education class with students who have disabilities. Peer tutors work one on one with students to promote and maintain a healthy lifestyle through a fitness program based on individual needs, abilities, and interests. Peer tutors are expected to physically participate in daily activities and be positive role models for each student in the Life Skill's program. **SKILLS DEVELOPED:** Under the supervision of classroom staff, students will learn skills to successfully work with students from the special education Life Skill's program. Students will have opportunities to learn about disabilities and build relationships outside of the classroom. *May repeat this class*

PEER TUTOR: LIFE SKILLS

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed. or Elective

HOMEWORK: None

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in a special education classroom with students who have disabilities. This course is a unique learning experience in which peer tutors will have daily opportunities to develop positive attitudes and relationships with students in the Life Skills program. Peer tutors must be positive role models and advocates for each student in the program.

SKILLS DEVELOPED: Under the supervision of classroom staff, students will learn the skills needed for working as a para-educator through tutoring students in academics, personal management, money skills, job skills, social skills, behavior, and other daily living skills. Students will have opportunities to learn about disabilities, create educational materials, and build relationships outside of the classroom.

May repeat this class for credit

explanations, clarifying assignments, offering test preparation activities, and facilitating & guiding student labs. **SKILLS DEVELOPED:** Under the supervision of the classroom staff, students will learn skills to successfully tutor and mentor peers. Tutors will be trained in lab safety and learn to prepare chemicals for labs, set up lab stations, facilitate labs, learn safe disposal and handling techniques.

SPECIAL REQUIREMENTS: Students should have a love for science and are interested in pursuing a career in science. Students need to be able to work independently, be self-motivated, trustworthy, and responsible, and have excellent behavior and attendance. Students should have taken and passed the science class they are tutoring.

May repeat this class.

Physical Ed & Health Courses

FIT FOR LIFE

Length / Credit: 1 Year/1.0 Credit

Grade Level: 9

Graduation Requirement: PE or Elective

Homework: 1-2 hours/week

PURPOSE: The Fit for Life class will strive to develop healthy, responsible students who have the knowledge, attitudes, and skills to work together in groups, think critically, and participate in a variety of activities that lead to a lifelong healthy lifestyle. Emphasis is placed on wellness through the study of calorie balance, weight control, and stress management. Upon completion, students should be able to plan a personal, lifelong fitness program based on individual needs, abilities, and interests.

SKILLS DEVELOPED: Knowledge of the relationship between proper calorie balance and the benefits of a consistent fitness regimen is the common thread running through the Physical Education core program at MSHS. STEM will also be incorporated into the class with the use of heart rate monitors, orienteering, blood pressure cuffs, pedometers, motion-analysis software, and digital video performance evaluation.

COST: Fine is issued if supplied lock is lost

HEALTH

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Health/Occ. Ed/Elective

Homework: 1-2 hours week

PURPOSE: This course provides a student with the opportunity to study topical subjects in health. Topics covered in this wellness-oriented curriculum include nutrition and fitness, drug use, emotional health, decision making skills, first aid, relationships, and reproductive system.

SKILLS DEVELOPED: The student will be able to demonstrate healthy lifestyle decisions by using problem solving, communication skills, and goal setting. The students will be able to assess resources and information in their community.

PEER TUTOR: LIFESKILLS PE

Length / Credit: 1 Semester / 0.50 Credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed., PE, or Elective

Homework: NONE

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in a physical education class with students who have disabilities. Peer tutors work one on one with students to promote and maintain a healthy lifestyle through a fitness program based on individual needs, abilities, and interests. Peer tutors are expected to physically participate in daily activities and be positive role models for each student in the Life Skill's program. **SKILLS DEVELOPED:** Under the supervision of classroom staff, students will learn skills to successfully work with students from the special education Life Skill's program. Students will have opportunities to learn about disabilities and build relationships outside of the classroom. *May repeat class for credit.*

SPORTS & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: PE or Elective

Homework: 1-2 hours per week

PURPOSE: This course is designed for students who want to develop fitness through the participation of a variety of team sports, racquet sports, and conditioning activities. Sport activities in each semester may include badminton, flag football, pickle-ball, basketball, tennis, soccer, table tennis, volleyball, softball, and other team-oriented sports/activities. Regular conditioning will target the components of health and skill related fitness.

SKILLS DEVELOPED: Knowledge of rules, skills, and strategies in provided units will be emphasized. Students will participate in fitness activities twice each week. Activities will include running, weight room, and other conditioning opportunities. **COST:** a fine is issued if the supplied PE lock is lost. *May repeat class for credit.*

STRENGTH TRAINING & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: PE or Elective

Homework: 1 hour/week

PURPOSE: Welcome to Mount Si Strength and Conditioning. Whether you are an athlete or not, this class will provide you with the framework to get in your best shape! This course will provide students with a strength and conditioning curriculum designed to enhance strength, power, speed, and aerobic capacity. Students will engage in Olympic and power lifting movements, along with an array of conditioning exercises including dumbbells, jump boxes, and aerobic conditioning machines. Heart rate technology will be utilized to track aerobic output and progress. Students can also expect to do

conditioning outside of the weight room using speed ladders, sleds, etc. in a variety of speed and conditioning workouts.

SKILLS DEVELOPED: Students will practice safety and technique a variety of lifting movements including but limited to the following.

- Olympic Weightlifting - clean, snatch, jerk
- Powerlifting - bench press, squat, deadlift
- Auxiliary lifts - Incline bench, shoulder pressing, lunge, Bulgarian squat, etc.
- Bodyweight movements - pull ups, dips, push-ups, etc.

- Speed ladders movements, echo bike, rowing, box jumping, etc.
- Yoga movements for flexibility and recovery.

May repeat class for credit.

YOGA & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: PE or Elective

Homework: 1-2 hours/week

PURPOSE: This one-semester course is for students wanting to develop wellness through yoga and other conditioning practices. This class is designed to create a supportive and non-competitive atmosphere where students can learn and grow. Students will experience the positive mental and physical effects of consistent yoga practice, coupled with regular fitness activities designed to enhance flexibility, coordination, balance, strength, endurance, and body-composition. Basic asanas will be explored through Hatha yoga, however, Lyengar, Vinyasa, and Yin will also be incorporated. Heart rate technology will be utilized during conditioning days.

COST: a fine is issued if the supplied PE lock is lost.

May repeat class for credit.

Science Courses

SCIENCE PATHWAYS

Minimum State Required Credits

3.0 credits of science (2.0 must be lab-based sciences)

3-4 credits recommended for students pursuing a 4-year college/university

| MINIMUM PATHWAY | RECOMMENDED PATHWAY | ACCELERATED PATHWAY |
|---|--|--|
| 9TH GRADE | 9TH GRADE | 9TH GRADE |
| BIOLOGY | BIOLOGY *Students may work to earn an honors designation | BIOLOGY *Students may work to earn an honors designation |
| 10TH GRADE | 10TH GRADE | 10TH GRADE |
| CHEMISTRY | CHEMISTRY *Student may work to earn an honors designation | CHEMISTRY *Student may work to earn an honors designation |
| 11TH GRADE | 11TH GRADE | 11TH GRADE |
| See Science Elective Options listed below | See Science Elective Options listed below | Emphasis on AP/CHS electives from Science electives listed below |
| 12TH GRADE | 12TH GRADE | 12TH GRADE |
| See Science Elective Options listed below | See Science Elective Options listed below | Emphasis on AP/CHS electives from Science electives listed below |

Year 3 & 4 Science Elective Options

Full year Science options for 3rd or 4th year Science:

- AP Biology/CHS
- AP Chemistry
- AP Environmental Science/CHS*
- AP Physics 1
- AP Physics C: Electricity and Magnetism
- AP Physics: Mechanics
- Animal Science, Intro to & 2
- Advanced Animal Science 1 & 2
- Agriscience, Intro to
- Astronomy /CHS
- Ornamental Horticulture 1, 2, & 3*
- Forensic Science*
- Human Body Systems*
- Marine Science: Oceanography
- Medical Interventions
- Physics
- Principles of Biomedical Sciences

-AP: Indicates Advanced Placement **-CHS:** Indicates college credit available via BC OR UW

-*Indicates CTE dual credit

Science Courses

AP BIOLOGY/CHS*

Length / Credit: 1 Year / 1.2 Credits
Grade Level: 10, 11, 12
Graduation Requirement: Algebra-based lab science /Elect

HOMEWORK: 5-8 hours/week

PREREQUISITE: Successful completion of Biology with Earth Systems and a year of Chemistry is highly recommended. This intensive reading course is designed to prepare students for college-level coursework and requires summer homework.

PURPOSE: AP Biology/BIO& 160 is a prerequisite to the Biology Majors program at Bellevue College and credits transfer to most state colleges and universities.



Semester 1: Focuses on cellular processes, energy and communication, genetics, and information transfer.

Semester 2: Focuses on evolution, animal and plant diversity and ecology. There are several local field trips to help students learn about the natural history of the Snoqualmie Watershed.

SKILLS DEVELOPED: Reading comprehensively, scientific writing, and analytical problem-solving. This course is lab and field intensive and will acquaint students with laboratory and field techniques. **COST:** AP exam fee TBD (AP exam is optional)

*College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment.

AP CHEMISTRY

Length / Credit: 1 Year / 1 Credit



Grade Level: 11, 12
Graduation Requirement: Algebra-based lab science/Elect

HOMEWORK: 3-5 hours per week

PREREQUISITES: Successful completion of Chemistry. Successful completion of Algebra II (it is highly recommended students be enrolled in pre-calculus or higher)
PURPOSE: is an introductory college-level chemistry course equivalent to 2 semesters of college level general chemistry. In this course students enhance their understanding of chemistry topics such as atomic structure, intermolecular forces and bonding, chemical reactions, thermodynamics, and equilibrium. Students will cultivate their understanding of chemistry through inquiry-based lab work, critical thinking, and collaborative problem solving.

COST: AP exam test fee TBD (AP exam is optional)

AP ENVIRONMENTAL SCIENCE/CHS*

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Lab Science, Occ Ed or Elective

HOMEWORK: 30 min, 3 times per week

Honors/AP courses are rigorous and are designed to prepare students for college level coursework

PURPOSE: This course is designed to be the equivalent of a rigorous one-semester, introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them passing the AP Environmental Science Exam. If a student passes with a score of 3 to 5 on the exam, they can earn 5+ college credits.

SKILLS DEVELOPED: Critical thinking, deductive reasoning, laboratory and field study techniques, analytical skills, use of computers, and practical use of higher mathematical skills.

*College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment

COST: AP exam fee TBD (AP exam is optional)

AP PHYSICS 1/CHS

Length / Credit: 1 Year / 1.0 Credit



Grade Level: 11, 12
Graduation Requirement: Science or Elective

HOMEWORK: 30 mins / day

PREREQUISITE: Successful completion of Geometry; concurrent enrollment in Algebra 2. No prior physics course required. *Honors/AP courses are rigorous and are designed to prepare students for college level coursework*

PURPOSE: AP Physics 1 is an algebra-based physics course that focuses on the big ideas typically included in the first semester of an introductory college-level physics sequence. AP Physics 1 will provide students with the foundational knowledge to support future advanced coursework in the sciences. Students will develop critical thinking and reasoning skills and cultivate their understanding of physics and science practices as they explore kinematics, dynamics and Newton's laws, circular motion and universal law of gravitation, simple harmonic motion, impulse, linear momentum and conservation of linear momentum, work energy, and conservation of energy, rotational motion, electrostatics, simple DC circuits, and mechanical waves and sound.

ADDITIONAL INFORMATION: AP Physics 1 can be taken as a first-year physics course, no prior physics coursework is required, however, strong math skills in algebra and geometry, and current registration in Algebra 2 are highly recommended. *College Credit is available for this course through the College in the High School Program with CWU or through the Advanced Placement test assessment.

COST: AP exam fee TBD (AP exam is optional)

AP PHYSICS C: ELECTRICITY & MAGNETISM/CHS

Length / Credit: 1 Year / 2.0 Credits
Grade Level: 11, 12
Graduation Requirement: Algebra-based lab science, Elect

HOMEWORK: 30 mins / day

PREREQUISITE: MUST be currently enrolled in or have completed Calculus or higher math. To be prepared for this course, students must have an in-depth understanding of mechanics, therefore, successful completion of either **AP Physics C: Mechanics** or **AP Physics 1** are required prerequisites for this course. Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

PURPOSE: AP Physics C: Electricity and Magnetism course is a yearlong, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. This class is equivalent to the 2nd semester of an engineering physics sequence in college. The course explores topics including electrostatics;



conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Problem solving techniques will include algebraic manipulation as well as introductory differential and integral calculus. Calculus concepts will be taught within the context of the course.

*College Credit is available for this course through the College in the High School Program with CWU or through the Advanced Placement test assessment.

COST: AP exam fee TBD



AP PHYSICS C: MECHANICS/CHS

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: Algebra-based lab science, Elect

HOMEWORK: 30 mins / day

PREREQUISITE: MUST have strong algebra skills and be currently enrolled in or have completed Pre-Calculus or higher math. *Honors/AP courses are rigorous and are designed to prepare students for college level coursework*

PURPOSE: AP Physics C is a calculus-based science engineering physics course covering vectors, Newton's Laws, work and energy, collisions, rotational mechanics, oscillations, and gravitation. While the primary focus is Mechanics, additional topics will include surveys of EM, optics, waves, fluids, heat, quantum, and nuclear physics. This course is intended for students who intend to major in engineering, physics, pre-med, chemistry or biology who have a strong mathematical aptitude.

ADDITIONAL INFORMATION: *AP Physics C can be taken as a first-year physics course, no prior physics coursework is required, however strong math skills in algebra 2 and current registration in Pre-Calculus are highly recommended. Calculus concepts will be taught within the context of the course.*

*College Credit is available for this course through the College in the High School Program with CWU or through the Advanced Placement test assessment.

COST: AP exam fee TBD (AP exam is optional)

ADVANCED ANIMAL SCIENCE 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed., Lab Sci, or Elect

Prerequisite: Successful completion of Animal Science 1 & 2

Homework: Minimal to 30 mins per week

Purpose: This year long lab science course builds on the concepts learned in Animal Science 1 & 2. This class will focus on animal health, animal pathology, and animal production. Topics include animal anatomy and systems dissections, animal behavior, handling techniques, advanced nutrition, advanced disease pathology and control, safety and

sanitation in the animal laboratory, animal reproductive anatomy and breeding programs. Students are responsible for the demonstration of skills and competencies through labs, scientific research, and assessment of classroom projects.

Upon successful completion of the program, optional testing is available for students to become a level 1 Certified Veterinary Assistant through Texas Medical Veterinary Association. (See instructor for details.) Students may also receive additional opportunities for mentorships, internships, and scholarships through local companies/labs. Students must be able to work in a team/group environment and be able to stay focused and self-directed. Membership in the FFA student leadership club is included in this course.

Special Requirements: Previously taken/passed Animal Science 1 and Animal Science 2. Students must also have a willingness to study and work indoors and outdoors with animals. **Cost:** \$20/Year, lab fee, FFA membership

ADVANCED ANIMAL SCIENCE 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed., Lab Sci or Elect

Prerequisite: Successful completion of Animal Science 1 & 2 **and** Advanced Animal Science 1

Homework: Minimal to 30 mins per week

Purpose: This year long lab science course builds and expands on the concepts learned in Veterinary Science 1 and will focus on literacy and leadership in agriculture, clinical exams and animal handling, veterinary tools, problem solving, and team activities. Topics include animal physiology, animal behavior, animal handling techniques, veterinary hospital procedures, pharmacology, and veterinary medical equipment and terminology. Students are responsible for the demonstration of skills and competencies through labs, scientific research, and assessment of classroom projects. Upon successful completion of the program, optional testing is available for students who wish to obtain the Elanco Veterinary Medical Applications industry certification. Students who wish to obtain the Elanco Veterinary Medical Applications industry certification. Students must be able to work in a team/group environment and be able to stay focused and self-directed. As with all agriculture courses, instruction, and assessment in the Supervised Agricultural Experience (SAE) is a requirement. **Cost:** \$20/Year, lab fee, FFA membership

AGRISCIENCE, INTRO TO

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12
Graduation Requirement: Science, Occ. Ed., Elective

HOMEWORK: Minimal

PURPOSE: This course provides students with the Introduction to Agriscience course where they will learn in an inquiry-based environment about the science of agriculture, plants, animals, natural resources, and food science. The course is structured to enable all students to have a variety of experiences that will provide an overview of the fields of agricultural science, natural resources, and food science. Students will learn to solve problems, conduct research, analyze data, and apply their learning to real-world situations.

SKILLS DEVELOPED: Students practice written and oral communications while investigating current issues related to agricultural science, natural resources, and food science. Membership in the FFA student leadership club is available to students enrolled in this course

show an interest in animal science, animal behavior, animal classification, basic animal anatomy, reproduction, genetics, growth & development, nutrition, disease & parasites, production, management, and health care of domestic and exotic animals. Students will be involved with live animals to reinforce the topics learned in class.

SKILLS DEVELOPED: Students practice written and oral communication while investigating current issues related to animal science. Membership in the FFA student leadership club is included in the course.

SPECIAL REQUIREMENTS: Previously taken/passed Intro to Animal Science. Students must also have a willingness to study and work indoors and outdoors with animals.

CLASS VIDEO: [Animal Science 2](#) **COST:** \$20 FFA

ANIMAL SCIENCE, INTRO TO

Length/Credit: Semester / .5 credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ Ed, Lab Sci, Elective

HOMEWORK: Minimal

PURPOSE: This course provides students with an introduction to Animal Science and is designed for students who show an interest in animal science, animal behavior, animal classification, basic animal anatomy, reproduction, growth and development, nutrition, diseases and parasites, management, and health care of common domesticated animals. Students will be involved with live animals to reinforce topics learned in class.

SKILLS DEVELOPED: Students practice written and oral communication while investigating current issues related to animal science. Membership in the FFA student leadership club is highly recommended for this course.

SPECIAL REQUIREMENTS: Willingness to study and work indoors and outdoors with live animals.

CLASS VIDEO: [Intro to Animal Science](#)

ANIMAL SCIENCE 2

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Lab Science or Elective

PREREQUISITE: Intro to Animal Science 1

HOMEWORK: Minimal

PURPOSE: This course provides students with a continuation of Intro to Animal Science and is designed for students who

ASTRONOMY/UW ASTRONOMY 101 & 150/CHS*

Length/Credit: 1 year / 2.0 credits
Grade Level: 10, 11, 12
Graduation Requirement: Algebra-based lab science or Elect

HOMEWORK: 3-5 hours / week; significant amount of work can be completed in class

PREREQUISITE: No prerequisite for Astronomy; UW Astronomy 101 & 150: UW requires prospective students to have a solid B+ in all previous science coursework and a C- or better in Algebra. **PURPOSE:** In the first semester, students will develop a comprehensive knowledge of the expanding Universe with emphasis placed on deep space beyond our solar system. Major themes in astronomy include great distances in space through powers of 10 and Earth's place in the Universe. How past and present astronomers have come to understand our Sun and other stars in their formation and evolution and other unique astronomical entities will be the focus, along with the methods humans have and will continue to explore and discover the unknown. Field experiences will allow students to apply their learning by navigating the night sky. Second semester takes an in-depth look at the planets of our solar system with emphasis on recent space exploration of the planets. A focus will be on the scientific probes and space missions launched. Students will learn rigorous university level content while satisfying college QSR requirements on a college transcript and gain access to the UW Library resources. * The UW Astronomy option offers students the unique opportunity to earn college credit in a specialized earth science course.

BIOLOGY with EARTH SYSTEMS^H

Length / Credit: 1 Year / 1.2 Credits
Grade Level: 9



Graduation Requirement: Algebra-based lab science or Elective

HOMEWORK: 20 mins / day recommended

PREREQUISITE: None

PURPOSE: The purpose of this algebra-based lab course is to provide students with the knowledge and skills necessary to do and understand scientific inquiry and to prepare them for the Washington Comprehensive Assessment of Science (WCAS) taken at the end of their junior year. The conceptual framework for this course includes Biodiversity and ecosystem resilience; Energy flow and biogeochemical cycles in ecological systems; Genetics and the chromosomal basis of inheritance; Molecular biology; Plate tectonics and dynamic surface processes; Genetics; and Evolution.

SKILLS DEVELOPED: Science inquiry skills emphasizing the design of scientific investigations and communicating scientific results. Students develop model-based explanations for real-world phenomenon that help scientific literacy as well as help students communicate scientific explanations and predictions using evidence. Other skills include reading, writing, algebra-based analysis, organization, laboratory, inquiry, collaboration, computer skills and AVID tools/strategies. ^HStudent may earn an honors designation.

CHEMISTRY^H

Length / Credit: 1 Year / 1 credit

Grade Level: 10, 11, 12

Graduation Requirement: Algebra-based lab science or Elective

HOMEWORK: Up to 30 mins / day

PREREQUISITE: Strong Algebra skills are highly recommended. Students should have successfully completed Algebra 1.

PURPOSE: This is a hands-on college prep class designed to give students a comprehensive background in chemistry utilizing problem-based learning. The course is separated into units with different societal applications of chemistry. Chemical concepts are introduced through experimentation and demonstration to keep the study on a more concrete level. The importance of observations, interpretations and analysis is emphasized throughout the course. Laboratory experiences are utilized to fully understand the theory behind the chemical principles being studied. The content of the course will center on the nature of matter and the changes it undergoes at the atomic level. Basic principles will be developed in the laboratory and extended through class discussions, lectures, and readings. While mathematical understanding is required, conceptual understanding is more heavily emphasized. ^HStudents may earn an honors designation.

FORENSIC SCIENCE



Length / Credit: Year / 1.0 credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Science/Elective

HOMEWORK: Minimal

PURPOSE: Students will learn about the “big ideas” of criminal investigation: What are the burdens of proof at trial? Why do we have these standards in place? How do we overcome them to obtain a conviction? Career options will also be explored. This course will integrate criminal law with scientific techniques performed by forensic scientists to solve crimes. Students will take on the various roles of crime scene investigator, scientist, and medical examiner to collect and evaluate evidence in a problem-solving environment. Topics include DNA technology and its uses, fingerprinting, impression evidence, toxicology, anthropology, entomology, rules of evidence, and career opportunities. Fieldtrips may be offered to pertinent facilities such as King County Superior courthouse and/or the Medical Examiner’s Office.



HUMAN BODY SYSTEMS (PLTW)

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Science/Elective

PREREQUISITE: Principles of Biomedical Science

HOMEWORK: Minimal

Purpose: This Project Lead the Way course will teach students basic anatomy and physiology of the human body. Emphasis will be on the Skeletal, Muscular, Nervous, and Cardiovascular systems.

Skills developed: Interested in a career in the healthcare industry? Want to be a doctor, nurse, physical therapist, athletic trainer, or personal trainer? This class will teach you the basics of how the body functions and moves. After completing the class students will be able to identify specific bones and muscles of the body as well as know how the nervous, cardiovascular, respiratory, digestive, and metabolic systems work.

MARINE SCIENCE: OCEANOGRAPHY

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: Algebra-Based Lab Science, Elec

HOMEWORK: 20 mins / day

PREREQUISITE: The successful student would have skills equivalent to passing Algebra 1. An understanding of basic biological processes like photosynthesis and ecosystem dynamics and chemistry concepts like polarity and the interaction of matter are also necessary. The ability to work in collaboration with a team and use analytical reasoning skills will benefit the student.

PURPOSE: This inquiry-based course is an introduction to Oceanography. It begins with units in physical oceanography that include ocean formation, structure, and Earth systems. Investigations into marine ecosystems follow with a focus on how human activities are impacting the world's oceans and marine resources. Some emphasis will be on examining local interactions between the Puget Sound and the Greater Pacific Ocean. The course will also explore career opportunities in the field of Marine Science. The assessment will mainly focus on demonstration of Science and Engineering Practices (SEPs) as defined in the NGSS. Students will demonstrate their understanding of Ocean Literacy Principles through these SEPs in both performance based and traditional assessments.

MEDICAL INTERVENTIONS - PLTW

Length / Credit: 1 Year/ 1.0 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Science, or Elective

Prerequisite: Successful completion of the following courses: Principles of Biomedical Science and Human Body Systems

Homework: Minimal to 30 mins per week

Purpose: In this course, students will follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and how to prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This is the third year of the Project Lead the Way (PLTW) high school biomedical science curriculum.

ORNAMENTAL HORTICULTURE 1

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed/Lab Science/Elective

HOMEWORK: Minimal

PURPOSE: This year long, dual credit course includes plant taxonomy, plants and their functions, the environment, chemicals, asexual reproduction, growing plants from seed, insect control, using plants in landscape, pruning, and floral design. Plant identification is a key component in this course. Students will learn skills in problem solving, public speaking, listening, goal setting, and technical skills. Students will grow plants in the school greenhouse and do a sales and marketing project with the spring plant sale. Membership in the FFA student leadership club is included in this course.

SKILLS DEVELOPED: Students will develop skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. **CLASS VIDEO:** [Ornamental Horticulture 1](#)
Colleges will determine if Horticulture counts as science or elective credits.

ORNAMENTAL HORTICULTURE 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., Lab Science, Elective

PREREQUISITE: Ornamental Horticulture 1

HOMEWORK: Minimal

PURPOSE: This year-long dual credit course builds on the knowledge and skills learned in Ornamental Horticulture I. Students work independently on projects in the greenhouse, including the maintenance of the school hydroponics system. Projects developed through this course will be designed to improve skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry. **SKILLS DEVELOPED:** Projects developed through this course will be designed to improve skills in problem solving, speaking, listening, goal setting, and technical skills related to the environmental horticulture industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. **CLASS VIDEO** [Ornamental Horticulture 2](#)
Note: Colleges will determine if Horticulture counts as science or elective credits.

ORNAMENTAL HORTICULTURE 3

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed/Lab Science/Elective

PREREQUISITE: Ornamental Horticulture 1 and 2

HOMEWORK: Minimal

PURPOSE: This year long dual credit course builds on the skills and knowledge learned in Ornamental Horticulture 2. Students explore career opportunities, help design class projects, and work in the field with industry professionals. Projects developed through this course will be designed to further expand skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry. **Special Requirements:** Willingness to study and work outdoors. *Note: Colleges will determine if Horticulture counts as science or elective credits.*
May repeat class. **CLASS VIDEO:** [Ornamental Horticulture 3](#)

build your engineering and experimental design skills as you explore and create solutions to current and emerging issues.

PHYSICS

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: Algebra-Based Lab Science, Elect

HOMEWORK: 30 mins / day

PREREQUISITE: Completed Geometry and strong Algebra-2 skills recommended. Completed one year of high school science.

PURPOSE: Physics is an algebra-based laboratory science course. Areas of study will include but not be limited to mechanics, heat, electricity and magnetism, waves, and light. This course emphasizes problem solving, understanding physics concepts, and the development of skills with laboratory equipment and software typically used in science labs. This course is intended for students who want to experience a thorough survey of physics topics, without requiring calculus. This course is ideal for two categories of student: (1) those who do NOT plan on a college major which requires calculus-based physics but want to explore the subject of physics, and (2) students who will be majoring in engineering/physics/pre-med but desire a solid physics background prior to calculus-based physics.

PRINCIPLES OF BIOMEDICAL SCIENCE (PLTW)

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed., Lab Science, Elective

HOMEWORK: 10 mins / day

PREREQUISITE: None

PURPOSE: This course will help prepare you for a career in medicine or health care. It will challenge you to solve real-world problems, and to think creatively and critically as you tackle challenges that biomedical professionals face in the field. In Unit 1, Medical Investigation, you will engage in forensic and medical examination to investigate a mysterious death. In Unit 2, Clinical Care, you assume the role of different medical professionals working through the schedule of patients in a family care clinic to explore medical careers, body systems, and technologies revolutionizing health care. In Unit 3, Outbreaks and Emergencies, you will work as public health officials and emergency responders as you are presented with a series of events, from an outbreak to a natural disaster. In the last unit, Innovation Inc., you will

Social Studies

SOCIAL STUDIES PATHWAYS

Minimum 3.0 credits -Washington State Requirements:
 .5 credit World History, 1.0 credit U.S. History, .5 credit Civics, 1.0 credit Social Studies Electives
 4.0 credits recommended for students pursuing a 4-year college/university

| MINIMUM PATHWAY | RECOMMENDED PATHWAY | ACCELERATED PATHWAY EMPHASIS ON AP/CHS |
|---|---|---|
| 9TH GRADE There is no requirement for 9th grade, however, optional freshmen courses are listed in the recommended and accelerated pathways. | 9TH GRADE Choose one - full year Big History AP Human Geography | 9TH GRADE Choose one - full year Big History AP Human Geography |
| 10TH GRADE World History + Soc Studies Elect .5 World History / .5 Soc Studies Elective | 10TH GRADE Choose one - full year World History + Soc Studies Elect .5 World History / .5 Soc Studies Elective or AP/CHS World History or CHS World History or AP/CHS European History | 10TH GRADE Choose one - full year AP/CHS World History or CHS World History or AP/CHS European History |
| 11TH GRADE U.S. History 1.0 credit | 11TH GRADE Choose one - full year U.S. History or AP/CHS U.S. History | 11TH GRADE AP/CHS U.S.HISTORY 1.0 CREDIT |
| 12TH GRADE CHS Civics .5 credit/semester | 12TH GRADE Choose one: CHS CIVICS .5 credit/semester or CHS Civics + Soc Studies Elective if needed .5 Civics and .5 social studies electives or AP/CHS Government & Politics .5 Civics and .5 social studies electives | 12TH GRADE AP/CHS Government & Politics .5 Civics and .5 social studies electives |

SOCIAL STUDIES ELECTIVES - 1.0 credits required for graduation

Full Year Options:

- AP Human Geography (9)
- Big History (9)
- AP/CHS Psychology (10-12)

Semester Options:

- History of World War II (10-12)
- Sociology (10-12)
- Psychology (10-12)*
- Contemporary World Problems (10-12)
- Criminal Justice (9-12)*
- Economics (10-12)*
- American Law (9-12)*

* Indicates college credit through CTE Dual Credit

AP/CHS EUROPEAN HISTORY*



Length / Credit: 1 Year / 2.0 Credits
Grade Level: 10, 11, 12
Graduation Requirement: .5 World History & .5 Social Studies Elective, or General Elective

HOMEWORK: 30 mins / day

AP courses are rigorous and are designed to prepare students for college level coursework.

PURPOSE: The study of European history since 1400 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the modern world. We will study multiple narratives (stories) and students will look at the dominant ideas, events, and individuals within these narratives. The program is a college level class, and students have options to gain credit through the AP program and Eastern Washington University. Embedded within the course are the historical thinking skills of contextualization, causation and continuity and change, giving students a foundation they can build on in other college level social studies courses. The course is taught using traditional classroom methods as well as project-based learning.

*College Credit is also available for this course through the College in the High School Program with EWU or through the Advanced Placement Assessment. **COST:** AP exam fee TBD (AP exam is optional)

AP/CHS GOVERNMENT AND POLITICS*



Length / Credit: 1 Year / 2.0 Credits
Grade Level: 11, 12
Graduation Requirement: Soc Studies Elective or Gen Elective
SATISFIES .5 SENIOR CIVICS REQUIREMENT

HOMEWORK: 30 mins / day

AP courses are rigorous and are designed to prepare students for college level coursework.

PURPOSE: The Advanced Placement course in Government and Politics covers U.S. government and politics as well as a comparative study of the governmental systems of China, Great Britain, Iran, Mexico, Nigeria, and Russia. This course prepares students for two AP Exams: US Government and Politics and Comparative Government and Politics. The course covers the constitutional underpinnings of the United States government, the formation of political beliefs, political parties, and mass media, the institutions of our government (the Presidency, Congress, the Supreme Court) and public policy. Students will meet the state civics requirement through studying federalism, civil liberties and rights, elections, and a thorough investigation of both national and international current events. Units have been aligned to address three learning goals for Civics, as outlined in the C3 Social studies framework. These are: 1. Civic and Political Institutions. 2. Participation and Deliberation. 3. Processes, rules, and laws.

COST: AP exam fee TBD (AP exam is optional)

AP HUMAN GEOGRAPHY



Length / Credit: 1 Year / 1 Credit
Grade Level: 9
Graduation Requirement: Social Studies or Elective

HOMEWORK: 1-2 hours/week

AP courses are rigorous and are designed to prepare students for college level coursework.

PURPOSE: This course should help students understand how cultural, economic and political systems relate to the distribution of human activities, the nature of places, and people's interaction with their environment. Students will use data and geographic analysis to develop a deeper understanding of the complex relationships between human societies and their environments. The course encourages critical thinking about the role of geography in understanding global and local issues. **COST:** AP exam fee TBD (AP exam is optional)

AP/CHS PSYCHOLOGY*



Length / Credit: 1 Year / 1.5 Credit
(.5 credit 1st semester, 1.0 credit 2nd semester)
Grade Level: 10, 11, 12
Graduation Requirement: Occ Ed/Soc Studies/Elective

HOMEWORK: 45 - 75 mins / day

AP courses are rigorous and are designed to prepare students for college level coursework.

PURPOSE: The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as research methodologies, biological bases of behavior, sensation and perception, learning, cognition, human development, motivation, emotion, and personality, clinical applications, and social psychology. Throughout the course, students employ psychological concepts and ethical considerations, as they use the scientific method, evaluate claims, apply evidence, and effectively communicate ideas. **COST:** AP exam fee TBD (AP exam is optional)

AP/CHS U. S. HISTORY



Length / Credit: 1 Year / 2.0 Credits
Grade Level: 11
Graduation Requirement: US History, Social Studies Elective or General Elective

HOMEWORK: 30-45 mins / day

Honors/AP courses are rigorous and are designed to prepare students for college level coursework.

PURPOSE: This course will cover the entire history of the United States, starting with pre-Columbian societies in America and ending with the current administration. Students will learn how to read and write at a college level, assessing historical materials for their relevance to a particular interpretive problem, their reliability, and their importance.

*College Credit is available for this course through the College in the High School Program with EWU or through the Advanced Placement Assessment. **COST:** AP exam fee TBD (AP exam is optional)

AP/CHS WORLD HISTORY: MODERN



Length / Credit: 1 Year / 1.0 Credits
Grade Level: 10
Graduation Requirement: World History, Social Studies Elective, or General Elective

HOMEWORK: 1-2 hours/week

AP courses are rigorous and are designed to prepare students for college level coursework.

PURPOSE: AP/CHS World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. *College Credit is available for this course through the College in the High School Program with EWU or through the Advanced Placement Assessment.

COST: AP exam fee TBD (AP exam is optional)

AMERICAN LAW



Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed/Soc Studies/Elective

PREREQUISITE: None

HOMEWORK: 30 mins / week

PURPOSE: American Law is an introduction to the United States' legal system. The course is designed to prepare students to recognize and understand how the law works in our society. It shows students the history of the law, and how the law now strives to promote fairness, equal justice, and individual rights, as well as some of the challenges we face. The aim of this course is to give students a working knowledge of the law, to help them avoid legal problems, and to solve legal problems should they occur.

BIG HISTORY

Length / Credit: 1 Year / 1.0 Credit
Grade Level: 9
Graduation Requirement: Social Studies or Elective

HOMEWORK: 0-30 mins / week

PURPOSE: Experience the entire 13.82-billion-year history of the entire Universe in one school year! Big History is a project-based survey of the entire history of the universe. We study 9 "Thresholds of Increasing Complexity" (aka our "Units") including: The Big Bang (Threshold 1), Stars/Galaxies (Threshold 2), Star Death and New Chemical Elements (Threshold 3), the formation of Earth and our Solar System (Threshold 4), the story of Life on Earth, and potentially elsewhere (Threshold 5), then Human Evolution and the peopling of Earth (Threshold 6), the Agricultural Revolution through Columbus (Threshold 7), followed by the Modern World from Atlantic Revolutions and the Industrial Revolution through today (Threshold 8)! Then we spend the last few weeks speculating about the Future (Threshold 9). Students taking Big History will be set up for success in both regular and College-level history classes that are required in the 10th, 11th and 12th grade years. Students taking Big History will meet their graduation requirements for History (3.5 years including .5 elective credit), without having to take two Social Studies courses at the same time later. So come experience history from its biggest scale! There is generally NO HOMEWORK in this course.

CIVICS/POLI SCI 100/CHS*



Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 12
Graduation Requirement: Civics/Soc Elect/Gen. Elective

SATISFIES .5 SENIOR CIVICS REQUIREMENT

HOMEWORK: 15 mins / day

PURPOSE: Civics courses examine the general structure and functions of U.S. systems of government, the roles, and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. Students will be offered opportunities to apply this content to current events and be encouraged to practice these at a school and local level. Students will study Civics in meeting requirements of [RCW 28A.230.093](#) in association with their .5 credit in Civics instruction in AP World, or World History Sophomore year. Units have been aligned to address three learning goals for Civics, as outlined in the C3 Social studies framework. These are: 1. Civic and Political Institutions. 2. Participation and Deliberation. 3. Processes, rules, and laws.

*College Credit is available for this course through the College in the High School Program with Eastern Washington University.

CONTEMPORARY WORLD PROBLEMS/CHS*



Length / Credit: 1 Semester / .8 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Social Studies or Elective

HOMEWORK: 15 mins / day

PURPOSE: The semester will be spent examining some of the major social, political, and economic issues facing us in the present and the future. "Contemporary World Problems" will serve as the text and students will study such diverse topics as Foreign Policy in the Middle East, Europe, Latin America, South Africa, and the former Soviet Union. Also, domestic issues such as crime, health care, and the economy will be studied. Students will be challenged to express their opinion on decisions which will face this country, their community, and foreign countries.

*College Credit is available for this course through the College in the High School Program with Eastern Washington University.

CRIMINAL JUSTICE



Length / Credit: 1 Semester / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed/Soc Studies/Elective

HOMEWORK: Minimal

Purpose: Criminal Justice is offered for the student to continue the study of criminal law. The aim of the course is to give students an in-depth study of the criminal justice system and the constitutional protections that act as a balance to the law-enforcement powers of the state.

ECONOMICS

Length/Credit: Semester/.5 credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ Ed/Soc Studies/Elect

Prerequisite: Geometry

Economics is the study of how individuals, businesses and societies make decisions regarding their limited resources and the effects of those choices. The course teaches students skills and attitudes useful in making wise economic decisions in their own lives and includes instruction about the basic institutions in both private and public sectors which operate or affect the economy. Broad topics covered include Intro to Economics, Microeconomics, Macroeconomics and Global Economies. Key elements include the study of scarcity, supply and demand, market structures, the role of government, national income determination, money and the role of financial institutions, economic stabilization, and trade.

HISTORY OF WORLD WAR II

Length/Credit: Semester/.5 credit
Grade Level: 10, 11, 12
Graduation Requirement: Soc Studies/Elect

PURPOSE: This semester-length elective provides an in-depth look at the causes of World War II, the experiences within the war itself and the global consequences of the war. This is a perfect course for any students who want a closer understanding of this cataclysmic global conflict than they were able to achieve in a semester-long World History class. Some of what we will look at includes the impact of World War I, how authoritarian regimes were able to rise, the different theaters of war, the Holocaust, survival stories, the creation of the atomic bomb, the impact on developing nations, and the changing of global superpowers. We will do this by analyzing primary and secondary sources, using maps, watching documentary

footage from the war, and by understanding what it was like to live through the war.

PSYCHOLOGY

Length / Cred: 1 Semester / 0.5Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ Ed/Soc Studies/Elective

HOMEWORK: 15 mins / day

PURPOSE: The semester Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. In this survey course, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as research methodologies, biological bases of behavior, sensation and perception, learning, cognition, human development, clinical applications, and social psychology.

SOCIOLOGY

Length / Credit: Semester/.5 credit
Grade Level: 10,11,12
Graduation Requirement: Social Studies Elective

HOMEWORK: 30 minutes per week

PURPOSE: This course is designed to introduce students to the field of Sociology. In this course we will look at how individuals and groups interact and behave, the impact of culture at all levels of society, and the dynamics of social change. Topics will include social theories, social stratification and equity, education and society, social norms, and social influence of cults.

U.S. HISTORY

Length / Credit: 1 Year / 1 Credit
Grade Level: 11
Graduation Requirement: US History or Elective

HOMEWORK: 1–2 hours/week

PURPOSE: To develop an understanding of the people and forces that make up the United States of America. After a brief 1 quarter review of colonial America through the Civil War, this course will study the issues of the 20th Century (i.e., The Rise of Industrialism and the Progressive Era, World War I and World War II, the cold War and Civil Rights Era, the Vietnam War through the end of the Century.

WORLD HISTORY

Length / Credit: Semester/.5 credit
Grade Level: 10
Graduation Requirement: World History

HOMEWORK: 1–2 hours/week

PURPOSE: World History is a semester-long class which meets the minimum "World History" graduation credit. This course focuses on Contemporary World History from the early 1900's to the present day. Students will apply this context to 20th century events such as World War I & World War II, the Cold War, and decolonization movements. Students will also consider how historical events covered throughout the course continue to influence our world today through modern-day case studies.



CHS/WORLD HISTORY

Length / Credit: 1 Year / 2.0 Credits
Grade Level: 10
Graduation Requirement: World History, Soc Studies Elective, or General Elective

HOMEWORK: 1–2 hours/week

Like AP Courses, this CHS course is designed to push students in terms of both workload, complexity of content, and in terms of the depth of learning expected, however, there is less homework than found in most AP courses. College in the High School (CHS) World History Project #102 and #103 is a college-level, largely project-based (both individual and group), survey course of the entirety of human history(13.82 bya-Present). It is also a reading and writing course, so expect to show learning in written forms (essays, notes, annotations, etc.), in socratic seminars/discussions, and in traditional quizzes and tests. First semester (History 102) covers prehistory through 1500 CE. Second semester (History 103) covers global history 1500-present. Students can apply and earn 10 credits (5 per semester) transferable to most state colleges and many private institutions. Those credits are free (savings for thousands of dollars). Much like AP course themes such as Historical Context, Change & Continuity Over-Time, and Comparison will be used to understand the developments across human history. There will be less homework on this course than most AP courses, but there will be some homework. A student in this course should be prepared to take AP courses or further their learning in other dual credit courses.

Special Services Courses

Students must be qualified for special education and have an active Individualized Education Program (IEP) to enroll in these classes. Talk with your case manager about placement into these classes.

LA 9 RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 9
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 min/day

PREREQUISITE: IEP goal related to reading and/or written expression areas.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the 9th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces Language Arts 9 and meets the National Collegiate Athletic Association and College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

LA 10 RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 10
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: IEP goal related to reading and/or written expression areas.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the 10th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces Language Arts 10 and meets National Collegiate Athletic Association and College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

AMERICAN LITERATURE RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 11
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: IEP goal related to reading and/or written expression areas.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the 10th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces Language Arts 11 and meets National Collegiate Athletic Association and College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

LA 12 RESOURCE

Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: Language Arts or Elective

HOMEWORK: 15 mins / day

PREREQUISITE: IEP goal related to reading and/or written expression.

PURPOSE: This course will focus on improving reading and writing skills through direct instruction.

SKILLS DEVELOPED: This course provides reading, reading comprehension and writing intervention for students who have applicable decoding, basic comprehension, and writing skills. Instruction includes literature analysis, reading comprehension strategies, and analytic writing paralleling the 12th grade common core standards. Students will practice skills to help them progress towards general education classes. This class replaces Language Arts 12 and meets National Collegiate Athletic Association and College and Academic Distribution Requirements. Placement in this course is determined by an IEP team.

ENRICHMENT

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Elective

HOMEWORK: 15 mins / day

PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only

PURPOSE: This course is designed for students who are qualified for special education services. Direct instruction is provided in the student's IEP goal areas, including transition (post high school goals).

SKILLS DEVELOPED: Students are provided with instruction and assistance in various areas to support student success (including executive functioning, social skills, academic support, self-advocacy, and transition). Students will complete transition assessments for college and career readiness as well as a career presentation project. Students may be provided with time in class to work on class assignments assessments with support. This course accommodates the developmental, academic, and social levels of students who have IEP's.

May repeat class.

ENRICHMENT 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Elective

PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only

HOMEWORK: 15 mins / day

in social/behavioral and communication goal areas as related to their Individual Education Plans.

SKILLS DEVELOPED: Students are provided with instruction and assistance in the areas of social/behavioral skills and communication, such as perspective taking, relationships, soft skills, responsibility, problem-solving, etc. In addition, a strong focus is placed on preparing and planning for post-secondary goals. This course accommodates the developmental, academic, and social levels of students who have IEP's.

May repeat class.

FIT FOR LIFE/LIFESKILLS

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Health, P. E., Elective

HOEWORK: None

PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only

PURPOSE: To provide a modified PE curriculum to fit the developmental and physical needs of students.

SKILLS DEVELOPED: A knowledge of rules and skills in basic team and individual sports. Fine and gross motor activities promote lifelong physical health. This class will also provide opportunities to practice cooperative play and social communication in an informal environment. This course will accommodate the developmental, academic, social, and physical activity level of students with special learning needs.

May repeat class.

MATH 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Math or Elective

HOMEWORK: 15 min / night

PREREQUISITE IEP goal in mathematics, placement by special education team recommendation.

PURPOSE: Students will understand and apply concepts and procedures of mathematics through incremental development and continual review.

SKILLS DEVELOPED: This course is offered as a foundational math course. It provides instruction in the four operations (addition, subtraction, multiplication, division), finding and positioning rational numbers on a number line, absolute value, integers, order of operations, fractions, and an introduction to evaluating expressions and ratios.

May repeat class.

MATH 3

Length/Credit: 1 Year/1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Math or Elective

HOMEWORK: 15 min/night

PREREQUISITE IEP goal in mathematics, placement by special education team recommendation

PURPOSE: Students will understand and apply concepts and procedures of mathematics through incremental development and continual review.

SKILLS DEVELOPED: This course is offered as a foundational math course. It provides instruction in the four operations (addition, subtraction, multiplication, division), finding and positioning rational numbers on a number line, absolute value, integers, order of operations, fractions, and an introduction to evaluating expressions and ratios.

May repeat class.

MATH 4

Length/Credit: 1 Year/1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Math or Elective

HOMEWORK: 15 min/night

PREREQUISITE IEP goal in mathematics, placement by special education team recommendation

PURPOSE: Students will understand and apply concepts and procedures of mathematics through incremental development and continual review.

SKILLS DEVELOPED: This course is offered as a foundational math course. It provides instruction in the four operations (addition, subtraction, multiplication, division), finding and positioning rational numbers on a number line, absolute value, integers, order of operations, fractions, and an introduction to evaluating expressions and ratios.

May repeat class.

MATH FOR FINANCIAL LITERACY

Length/Credit: 1 Year/1 Credit
Grade Level: 11, 12
Graduation Requirement: Math or Elective

HOMEWORK: 15 min/night

PREREQUISITE IEP goal in mathematics, placement by special education team recommendation

PURPOSE: This course will guide students in building a strong foundation in logical thinking and problem-solving that will support them in making good decisions concerning money and finances in their daily lives Units include (1) Earning Money and Getting Paid, (2) Banking, Purchasing, and Budgeting, (3) Credit, Debt, and Major Purchases, (4) Building and Protecting Wealth. Learning objectives for this course are individualized and align with the student's IEP goals and objectives. **May repeat class.**

SOCIAL HEALTH

Length / Credit: 1 Year / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Elective

HOMEWORK: 15 min / night

PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only

PURPOSE: This class provides instruction on various Social/Behavior and Adaptive skills that promote independent living in post-high school life. This course may include a daily check-in and check-out with the case manager to improve self-regulation, self-reflection, and monitoring of individual goals. Students receive instruction in self-regulation skills; behavior management; social interaction skills; self-determination and executive function skills, leisure & recreation activities, basic citizenship responsibilities, and employment skills.

May repeat class.

LIFE SKILLS COURSES

The Life Skills programs include courses offered to high school aged students who need more support with curriculum and social aspects, and whose post graduate goal is supported employment and living as independently as possible. The programs are designed to offer hands-on experiences to life related experiences and to guide students into skills or behaviors that will help them become successful in everyday life. The programs are designed to assist students in acquiring skills (Life Skills 1) to generalize those skills across multiple settings (Life Skills 2). Participation in the Life Skills programs is determined by a student's IEP team and allows for the flexibility to participate in part or in whole.

LIFE SKILLS 1 - ACQUIRING SKILLS:

Instructional emphasis is placed on acquisition and fluency of skills and/or participation in the following areas:

- Basic conceptual skills and functional academics
- Acquiring basic communication
- Self-help/self-care
- Social/emotional skills
- Therapeutic responses
- Transition

FUNCTIONAL LITERACY 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Language Arts

This class provides students an opportunity to develop basic literacy skills in (1) reading leveled texts, (2) increasing comprehension, (3) sentence formation and (4) speaking and listening. Students will connect these basic skills to their everyday lives to live as independently as possible and gain supported employment. Students will express themselves accurately and clearly through diverse forms of communication. Students will focus on life skills such as improving their reading and writing skills through determining the main idea of a text and using appropriate and clear language within writing across settings. Students will develop skills necessary for comprehending and communicating. Independent Reading is expected to be completed in class with adult or peer tutor assistance as well as participating in cooperative learning activities. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

FUNCTIONAL MATHEMATICS 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Mathematics

This class provides students an opportunity to develop basic mathematical skills including: (1) whole number computation, (2) calculator use, (3) money management/budgeting, (4) measurement, (5) time, (6) estimation, and (7) solving word problems. They will build mathematical skills required to support their individualized goals. Students will also utilize diverse forms of communication and connect functional mathematics skills to life related activities to live as independently as possible and gain supported employment. Students will understand when they leave school that mathematics is essential to everyday functioning. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

FUNCTIONAL SCIENCE 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Science

This class provides students an opportunity to develop basic science methodologies including: (1) assisted inquiry, (2) measurement, (3) assisted research for scientific topics, (4) engaging with leveled scientific literature, (5) hands-on science experiments using the scientific method, and (6) graphing. Students will utilize diverse forms of communication and connect functional science skills to life related activities to live as independently as possible and gain supported employment. Students will be assessed using rubrics and daily

classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

FUNCTIONAL SOCIAL STUDIES 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Social Studies

This class provides students with an opportunity to develop a basic understanding of social studies including: (1) school/local/state geography, (2) the environment, (3) civic engagement/leveled news articles and (4) map and directions. Students will utilize diverse forms of communication and connect functional social studies skills to life related activities to live as independently as possible and gain supported employment. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

COMMUNITY BASED LIVING 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Elective credit

This class provides students with an opportunity to incorporate individualized goals into lessons that are implemented outside of the school environment and supported through in class instructional activities. Community based living skills are acquired through providing experiences that will prepare students for tasks in the community including: (1) understanding bus routes and schedules, (2) making grocery lists and independently shopping, (3) planning visits to new places (4) community safety and appropriate environmental behavior, (5) scheduling appointments, and (6) implementing emotional regulation strategies. Students will utilize diverse forms of communication and connect functional social studies skills to life related activities to live as independently as possible and gain supported employment. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

LIFE SKILLS 2 - GENERALIZATION

Instructional emphasis is placed on fluency, maintenance, and generalization of skills in the following areas:

- Functional and/or vocational academics
- Basic communication
- Self-care/self-determination
- Practical life skills
- Social/emotional skills
- Citizenship skills
- Transition

FUNCTIONAL LITERACY 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 9-12
Graduation Requirement: Language Arts

This class provides students with an opportunity to develop basic literacy skills in (1) reading leveled texts, (2) increasing comprehension, (3) sentence formation and (4) speaking and listening. Students will connect these basic skills to their everyday lives to live as independently as possible and gain supported employment. Students will express themselves accurately and clearly through diverse forms of communication. Students will focus on life skills such as improving their reading and writing skills through determining the main idea of a text and using appropriate and clear language within writing across settings. Students will develop skills necessary for comprehending and communicating. Independent Reading is expected to be completed in class with adult or peer tutor assistance as well as participating in cooperative learning activities. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

FUNCTIONAL MATH 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 9-12
Graduation Requirement: Mathematics

This class provides students an opportunity to develop basic mathematical skills including: (1) whole number computation, (2) calculator use, (3) money management/budgeting, (4) measurement, (5) time, (6) estimation, and (7) solving word problems. They will build mathematical skills required to support their individualized goals. Students will also utilize diverse forms of communication and connect functional mathematics skills to life related activities to live as independently as possible and gain supported employment. Students will understand when they leave school that mathematics is essential to everyday functioning. Students will be assessed using rubrics and daily classroom activities.

Placement in this course is determined by leveled assessment in conjunction with IEP goals.

FUNCTIONAL SCIENCE 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 9-12
Graduation Requirement: Science

This class provides students with an opportunity to develop basic science methodologies including: (1) assisted inquiry, (2) measurement, (3) assisted research for scientific topics, (4) engaging with leveled scientific literature, (5) hands-on

science experiments using the scientific method, and (6) graphing. Students will utilize diverse forms of communication and connect functional science skills to life related activities to live as independently as possible and gain supported employment. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

FUNCTIONAL SOCIAL STUDIES 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 9-12
Graduation Requirement: Social Studies

This class provides students with an opportunity to develop a basic understanding of social studies including: (1) school/local/state geography, (2) the environment, (3) civic engagement/leveled news articles and (4) map and directions. Students will utilize diverse forms of communication and connect functional social studies skills to life related activities to live as independently as possible and gain supported employment. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

COMMUNITY BASED LIVING 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 9-12
Graduation Requirement: Elective credit

This class provides students with an opportunity to incorporate individualized goals into lessons that are implemented outside of the school environment and supported through in class instructional activities. Community based living skills are acquired through providing experiences that will prepare students for tasks in the community including: (1) understanding bus routes and schedules, (2) making grocery lists and independently shopping, (3) planning visits to new places (4) community safety and appropriate environmental behavior, (5) scheduling appointments, and (6) implementing emotional regulation strategies. Students will utilize diverse forms of communication and connect functional

social studies skills to life related activities to live as independently as possible and gain supported employment. Students will be assessed using rubrics and daily classroom activities. Placement in this course is determined by leveled assessment in conjunction with IEP goals.

World Language Courses

Required World Language Credits for High School Graduation: 2 Credits

Recommended World Language Credits for Competitive 4-Year College: 3-4 Credits

While a 'C-' or better is recommended, a 'D' over two semesters of a World Language allows a student to move on to the next level of the same language. If students plan to enroll in upper division language courses (Level 3 or greater), we recommend they do so in consecutive years.

MSSH offers World Languages through the Mount Si High School Online Program. However, continuing the sequence in a MSSH classroom after taking an online language course requires that the student take and pass the "brick and mortar" course's written and oral final exam. For example, a student who wishes to enroll in "brick and mortar" Spanish I after completing Spanish I through MSHSOP, must take the "brick and mortar" Spanish I written and oral final. This policy also applies to heritage language students or to students who have taken a World Language course at a different high school or in middle school. Contact your counselor or World Language department to discuss options.

FRENCH DEPARTMENT INTRODUCTION PRESENTATION

FRENCH 1

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: World Language, Elective

HOMEWORK: 10-20 mins / day

PURPOSE: To introduce students to the language and culture of French-speaking countries. Emphasis is on vocabulary and grammatical structure in all the basic language skills: listening, speaking, reading, and writing. Students learn about the culture through text, films, slides, magazines, guest speakers, field trips, and information on festivals and holidays.

SKILLS DEVELOPED: Students will acquire the ability to understand and communicate simple ideas in French using good pronunciation and ideas in French and language structure and will be able to describe how the culture (behavior, beliefs, values, arts and customs) of the French-speaking world differs from ours.

FRENCH 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: World Language, Elective

PREREQUISITE: French 1 and teacher permission based on successful completion of the previous level.

HOMEWORK: 10-20 mins / day

PURPOSE: To expand and refine the comprehension, speaking, reading and writing skills learned in French 1 by using more advanced materials and continued study of the culture of French-speaking countries.

SKILLS DEVELOPED: Increased ability to understand and communicate ideas and thoughts in French and increased awareness of French-speaking culture throughout the world.

FRENCH 3/CHS*

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: World Language, Elective

PREREQUISITE: French 2 and teacher permission based on successful completion of the previous level.

HOMEWORK: 10-20 mins / day

OTHER INFORMATION: Students may request college credit from Bellevue College in qualified courses.

PURPOSE: Students deepen their communication in the target language through speaking, listening, reading, and writing. The curriculum will offer deeper use of the language and will be conducted primarily in French. In addition to use of the text, students will give presentations, read short stories, watch films, and write often to increase proficiency in French. Cultural topics focus on the customs and traditions of the French-speaking world. **SKILLS DEVELOPED:** Increased ability to understand and communicate ideas in oral and written French. *College Credit is available for this course through the College in the High School Program with Bellevue College.

FRENCH 4

Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: World Language, Elective

PREREQUISITE: French 3 and teacher permission based on successful completion of the previous level.

Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer



homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

HOMEWORK: 10-20 mins / day

PURPOSE: Students communicate in the target language through speaking, listening, reading and writing to explore cultural themes. Articles, stories, poems, novels and films will provide resources for students to develop a more extensive vocabulary and to expand their knowledge of Francophone culture and history. This class is conducted entirely in French.

SKILLS DEVELOPED: Increased ability to understand and communicate ideas in oral and written French.

French 3 & 4 may be taught in the same classroom but as separate courses.

GERMAN 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: World Language, Elective

HOMEWORK: 10-20 mins / day

OTHER INFORMATION: Students may participate in a low-cost exchange program with a German high school located in Gladbeck, Germany.

PURPOSE: To introduce students to the language and culture of the German speaking countries. Emphasis is on vocabulary and grammatical structures in all the basic language skills: listening, speaking, reading, and writing. Students learn about the culture through text, films, internet, magazines, guest speakers, field trips and information on festivals and holiday events.

SKILLS DEVELOPED: Students will acquire the ability to understand and communicate simple ideas in German, using good pronunciation and language structure and will be able to describe how the culture of the German speaking world differs from ours.

GERMAN 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: World Language, Elective

PREREQUISITE: German 1 and teacher permission based on successful completion of the previous level.

HOMEWORK: 10-20 mins / day

OTHER INFORMATION: Students may participate in a low-cost exchange program with a German high school located in Gladbeck, Germany.

PURPOSE: To expand and refine the comprehension, speaking, reading, and writing skills learned in German I by using more advanced materials. Continued exposure to German, Swiss, and Austrian culture is stressed.

SKILLS DEVELOPED: Increased ability to understand and communicate ideas and thoughts in the German language and

heightened awareness of the culture of the German speaking countries.



GERMAN 3/CHS*

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: World Language, Elective

PREREQUISITE: German 2 and teacher permission based on successful completion of the previous level.

HOMEWORK: 10-20 mins / day

OTHER INFORMATION: Students may participate in a low-cost exchange program with a German high school located in Gladbeck, Germany. Students may request college credit through the University of Washington for this course.

PURPOSE: To enhance comprehension and to continue acquiring oral and written proficiency using more advanced materials. **SKILLS DEVELOPED:** Reading, writing and conversational (oral) competencies will be developed.

*College Credit is available for this course through the College in the High School Program with University of Washington.

GERMAN 4

Length / Credit: 1 Year / 1 Credit

Grade Level: 12

Graduation Requirement: World Language, Elective

PREREQUISITE: German 3 and teacher permission based on successful completion of the previous level.

HOMEWORK: 10-20 mins / day

PURPOSE: To enhance comprehension and to continue acquiring oral and written proficiency using more advanced materials. **SKILLS DEVELOPED:** Reading, writing, and oral proficiency with advanced grammar and syntax. Completion of the course, combined with specific A.P. preparation, may enable students to qualify for A.P. credit. **COST:** AP exam fee TBD (AP exam is optional). *This course may be taught as independent study.*

SPANISH 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: World Language, Elective

HOMEWORK: 10-20 mins / day

PURPOSE: The focus of Spanish 1 is to provide you with a solid foundation of Spanish vocabulary, grammar, and culture. You will be given a variety of opportunities to develop all four basic skills of language: listening, speaking, reading, and writing. In addition, you will be provided with opportunities to gain cultural insight into the Spanish-speaking world through an assortment of sources and activities, such as readings, videos, presentations, and projects. Class emphasis will be on

interactive communication, and you will be expected to be an active class participant.

SKILLS DEVELOPED: The student will develop the ability to understand, to speak, to read, and to write Spanish at an elementary level. Emphasis will be placed on listening skills.

SPANISH 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: World Language, Elective

PREREQUISITE: Spanish 1 and teacher permission based on successful completion of the previous level.

HOMEWORK: 10-20 mins / day

PURPOSE: In Spanish 2, you will review, reinforce, and expand the skills introduced in Spanish 1. Because there is an increased amount of material to be learned, you will need to increase your efforts to maintain your previous level of achievement. Listening comprehension, speaking, writing, and reading comprehension exercises become increasingly more complex and expressive. The uses of the two past tenses are emphasized. As in first year, awareness of and sensitivity to the geographical and cultural variety of the Spanish-speaking world is fostered. You will be assessed on all four proficiencies through classroom participation, quizzes, tests, and group and individual projects that highlight cultural materials and encourage self-expression.

SKILLS DEVELOPED: Increased ability to comprehend, to speak, to read and to write Spanish at a more advanced level. Emphasis will be placed on speaking skills.

SPANISH 3/CHS*

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: World Language, Elective

PREREQUISITE: Spanish 2 and teacher permission based on successful completion of the previous level.

HOMEWORK: 10-20 mins / day

OTHER INFORMATION: Students may request college credit from Bellevue College in qualified courses.

PURPOSE: In Spanish 3, you will refine the language skills and review materials introduced during Spanish 1 and 2. You will progress to more extensive, advanced vocabulary, master more complex grammatical structures, and study many more verb tenses of Spanish. You will develop self-expression in Spanish, rather than relying on memorized patterns and rote responses. Spanish language cultural materials studied will include non-fiction and short fiction pieces, and other materials. In-class activities will include writing, reading, listening, speaking, and cultural activities. Your language skills will be assessed through classroom participation, project work,

presentations, and performance on tests and quizzes. Mastery from first- and second-year Spanish will be tested, but it may not be taught specifically in the third-year classroom.

SKILLS DEVELOPED: Comprehension, reading, writing, and speaking. * Indicates opportunity to earn college credit through College in the High School. See page 7 for further information. *College Credit is available for this course through the College in the High School Program with Bellevue College.



SPANISH 4/CHS*

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: World Language, Elective

PREREQUISITE: Spanish 3 and teacher permission based on successful completion of the previous level.

HOMEWORK: 0-30 mins / day

PURPOSE: Spanish 4 prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. Spanish IV promotes students' understanding of the relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

*College Credit is available for this course through the College in the High School Program with Bellevue College.



SPANISH FOR HERITAGE SPEAKERS

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: World Language, Elective

ENROLLMENT UPON TEACHER APPROVAL

HOMEWORK: 10-20 mins / day

PURPOSE: This course offers students who can speak and understand spoken Spanish the opportunity to study the language formally in an academic setting. The course allows students to reactivate their home Spanish, learn about Spanish-speaking cultures, acquire, or refine Spanish literacy skills, and to develop or augment Spanish academic language skills that can be transferred into English and other subject areas and enhance future career opportunities. In addition, students will develop strategic Spanish academic vocabulary, learn to critically analyze literary and non-literary texts and poetry, and study cultural, historical, and political issues.

Este curso ofrece a los estudiantes que hablan el español en sus casas la oportunidad de estudiar la lengua española de una manera formal en un ambiente académico. El curso permite reactivar el español que los estudiantes han aprendido previamente y llevarlo a un nivel superior, para poder aprender más acerca de su idioma y de su herencia cultural. Así mismo para adquirir, mejorar o reforzar sus habilidades en lecto-escritura, expresión oral e interpretación. También para desarrollar y aumentar las estrategias y destrezas académicas que puedan ser transferidas al inglés y otras materias y así elevar las posibilidades de abrirse camino en el mundo laboral. Los estudiantes desarrollan un lenguaje académico, aprenden a analizar diferentes tipos de textos de una manera crítica teniendo en cuenta el contexto cultural, histórico y político

SPANISH FOR HERITAGE SPEAKERS 2

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: World Lang or Elective
Prerequisite: Spanish for Heritage Speakers

HOMEWORK: 10 min/week

PURPOSE: An extension of Heritage Spanish 1, this course offers students who completed the first course the opportunity to continue studying the language formally in an academic setting. The course allows students to learn about Spanish-speaking cultures, refine Spanish literacy skills, and augment Spanish academic language skills that can be transferred into English and other subject areas

and enhance future career opportunities. In addition, students will develop strategic Spanish academic vocabulary, learn to critically analyze literary and non-literary texts and poetry, and study cultural, historical, and political issues. Heritage II students will focus on deep improvement in writing and reading skills.

PROPÓSITO: *Una extensión de Heritage Spanish 1, este curso ofrece a los estudiantes que completaron el primer curso la oportunidad de continuar estudiando el idioma formalmente en un ambiente académico. El curso permite a los estudiantes aprender sobre las culturas de habla hispana, perfeccionar las habilidades de alfabetización en español y aumentar las habilidades del lenguaje académico en español que pueden transferirse al inglés y otras áreas temáticas y mejorar las oportunidades profesionales futuras. Además, los estudiantes desarrollarán vocabulario académico estratégico en español, aprenderán a analizar críticamente textos literarios, no literarios y poesía. En este curso, estudiarán asuntos culturales, históricas y políticos. Los estudiantes de*

Heritage II se concentrarán en profundizar sus habilidades de escritura y lectura.



AP SPANISH LANGUAGE AND CULTURE

Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: World Language, Elective

PREREQUISITE: Spanish 4 or teacher permission based for native or heritage speakers.

Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

HOMEWORK: 0-30 mins / day

PURPOSE: This course is designed to help you develop your written composition and conversation skills using authentic materials and sources. The language of instruction is Spanish, and the curriculum follows guidelines set by the College Board. You will improve your ability to comprehend formal and informal spoken Spanish, expand your Spanish vocabulary and grasp of structure, enhance your ability to read Spanish language literature, write expository passages, and express ideas orally. Spanish cultures will be studied through authentic materials and/or projects.

Some colleges and universities award college credit for qualifying scores on the AP examination; others administer their own language placement examinations. Full participation in an AP course is expected, and all students are encouraged to take the AP examination, for which you will be prepared throughout the year. This exam is optional, however.

SKILLS DEVELOPED: Students will use the Spanish language to develop and demonstrate their proficiency in Interpersonal, Interpretive, and Presentational communications. Students will develop and demonstrate their abilities to synthesize and analyze authentic written texts in the Spanish language. They will enhance their abilities to express themselves through writing in the target language as well.

COST: AP exam fee TBD (AP exam is optional)

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