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Mount Si High School Main Campus

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:
John H. Belcher, Principal 831-8100
Greg Hart, Associate Principal (last names A-H) 831-8100
Sana Tariq, Assistant (last names I-O) 831-8100
Brian Ferguson, (last names P-Z) Assistant Principal, CTE Director 831-8100
Christi Wright, Administrative Secretary 831-8205
Tamara Frederick, Athletic Secretary 831-8103
Libby Phillips, Financial Secretary 831-8105
Keri Wheeler, Financial Secretary 831-8212
Bronwyn McDaniels, Attendance Secretary 831-8200
Monica Niemela, Main Office Secretary 831-8220

Counseling Center (Main Campus):
Richard Dempsey, Counselor (last names A-D) 831-8113
Miranda Partridge, Counselor (last names E-Li) 831-8112
Rachel Raff, Counselor (last names Lj-P) 831-8114
Shauna Jacobs, Counselor (last names Q-Z) 831-8428
Kristeen Ransavage, Career Specialist 831-8116
Fabiola Johnson, Counseling Center Secretary 831-8150
Amy Pangborn, Registrar 831-8168
Suzanne Hodgson, Registrar 831-8095

Mount Si High School Freshman Campus

Vernie Newell, Associate Principal Freshman Campus 831-8450
Lindsay Clark, Counselor Freshmen (A-Z) 831-8475
Selma Ireland, Head Secretary / Registrar 831-8449
Joan Lutz/Counseling Secretary/Financial Secretary 831-8448
Mount Si High School graduates must earn 24 credits for graduation. Each semester course in which a student earns a passing grade is valued .5 or one-half credit. A year-long course is valued at 1.0 credit.

### Graduation Requirements

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

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 from 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).

- **Passing Scores on all Required State Testing**
  State tests required for graduation vary by graduation year. For details, please review [State of Washington Office of Superintendent of Public Instruction (OSPI) State Testing](#).

- **High School & Beyond Plan**
  To access the High School & Beyond Plan, go to myschooldata.com.
Course adjustments to standard graduation requirements are possible for:

- Art & World Language through the use of a Personalized Pathway Plan
- PE, if student is eligible for a PE Waiver

**Personalized Pathway Plans**

Students may replace 1 of 2 Fine Arts credits and/or up to 2 credits of World Language in order to meet a specific post-high school career or educational goal chosen by the student. Replacement of these normally required 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. 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.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

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) and are included in GPA and rank calculations.

Rank Policy

Class rank is calculated using unweighted cumulative GPAs. All grades are included for grades 9 through the first semester of grade 12. Mainstream special education, ELL, and Running Start students are included in rank calculations.

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.

Outside Credit Policy

Students may earn high school credits through independent learning opportunities, however, counselors must pre-approve the vendor. Contact your counselor for approval and information.

Schedule Correction Policy

Students may request a schedule correction within the first 5 days of each semester for the following reasons:

- Placement error
- Missing a course needed to graduate (seniors only)
- Increase rigor

Year-long classes may not be dropped at semester unless the student failed the first semester of the class in question. Classes that are dropped mid-semester will generate a failing grade (F) on the student’s official transcript.

Students may make an appeal to the appropriate administrator if extenuating circumstances need to be considered.

Withdrawing from School

The student’s parent or guardian should call the Counseling Center to schedule an Exit Interview with the student’s counselor. Withdraw forms will be completed during the interview. Students transferring to another school will be issued transfer grades from MSHS. 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

MSHS offers students a variety of dual credit opportunities where students are able 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.

Taking AP courses benefits students in the following ways:
- Standing out in the College Admissions process
- Earn college credits (AP Credit Policy Database)
- Skip introductory classes
- Build college skills

Visit the College Board Website for additional AP information.

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>SUMMER WORK REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP ART HISTORY</td>
<td>YES</td>
</tr>
<tr>
<td>AP BIOLOGY</td>
<td>YES</td>
</tr>
<tr>
<td>AP CALCULUS AB</td>
<td>YES</td>
</tr>
<tr>
<td>AP CALCULUS BC</td>
<td>NO</td>
</tr>
<tr>
<td>AP CHEMISTRY</td>
<td>YES</td>
</tr>
<tr>
<td>AP COMPUTER SCIENCE</td>
<td>NO</td>
</tr>
<tr>
<td>AP COMPUTER SCIENCE PRINCIPLES</td>
<td>NO</td>
</tr>
<tr>
<td>AP ENGLISH LANGUAGE</td>
<td>YES</td>
</tr>
<tr>
<td>AP ENGLISH LITERATURE</td>
<td>YES</td>
</tr>
<tr>
<td>AP ENVIRONMENTAL SCIENCE</td>
<td>NO</td>
</tr>
<tr>
<td>AP EUROPEAN HISTORY</td>
<td>NO</td>
</tr>
<tr>
<td>AP GOV/Politics</td>
<td>NO</td>
</tr>
<tr>
<td>AP HUMAN GEOG</td>
<td>NO</td>
</tr>
<tr>
<td>AP MUSIC THEORY</td>
<td>YES</td>
</tr>
<tr>
<td>AP PHYSICS 1</td>
<td>NO</td>
</tr>
<tr>
<td>AP PHYSICS C-ELECTRICITY &amp; MAG.</td>
<td>NO</td>
</tr>
<tr>
<td>AP PHYSICS C-MECHANICS</td>
<td>NO</td>
</tr>
<tr>
<td>AP PSYCHOLOGY</td>
<td>NO</td>
</tr>
<tr>
<td>AP SPANISH</td>
<td>Provided to Span 3 students</td>
</tr>
<tr>
<td>AP STATISTICS</td>
<td>NO</td>
</tr>
<tr>
<td>AP STUDIO ART: 3-D DESIGN</td>
<td>YES</td>
</tr>
<tr>
<td>AP STUDIO ART: 2-D DESIGN</td>
<td>YES</td>
</tr>
<tr>
<td>AP US HISTORY</td>
<td>NO</td>
</tr>
<tr>
<td>AP WORLD HISTORY: MODERN</td>
<td>NO</td>
</tr>
</tbody>
</table>

Honors

MSHS offers Honors level (Pre AP) courses for freshman, sophomores, and juniors. They are rigorous college preparatory courses demanding extensive reading, writing, and/or mathematical components. Motivated and disciplined students should consider enrolling in Honors level courses. Refer to the individual course description for detailed information for each of the classes below:
- Language Arts 9 Honors (grade 9) - Students may work towards an honors designation in a regular LA 9 class
- Language Arts 10 Honors (grade 10) - Summer homework: Read 1984 by George Orwell
- Algebra II Honors (grades 10, 11)

Review detailed course descriptions for specific placement and pre-requisite information.

College in the High School

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 below. Students who register with the related community college or university earn college credit on a college transcript while also earning credit at Mt. Si. Additional course fees are assessed by the community college or university through which college credit is earned.

<table>
<thead>
<tr>
<th>MSHS Course/College Course</th>
<th>Issuing College</th>
<th>Course Length</th>
<th>College Credits Possible</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Biology / Biology 160 &amp; 211</td>
<td>BC</td>
<td>Year</td>
<td>12</td>
</tr>
<tr>
<td>AP English Lang / English 101 &amp; 244</td>
<td>BC</td>
<td>Year</td>
<td>10</td>
</tr>
<tr>
<td>AP English Lit / English 101 or 111 &amp; 247</td>
<td>BC</td>
<td>Year</td>
<td>10</td>
</tr>
<tr>
<td>AP European History / History 105 &amp; 106</td>
<td>EWU</td>
<td>Year</td>
<td>10</td>
</tr>
<tr>
<td>AP US History / History 111 &amp; 112</td>
<td>EWU</td>
<td>Year</td>
<td>10</td>
</tr>
<tr>
<td>AP World History / History 102 &amp; 103</td>
<td>EWU</td>
<td>Year</td>
<td>10</td>
</tr>
<tr>
<td>Civics / Political Sci 100</td>
<td>EWU</td>
<td>Sem.</td>
<td>5</td>
</tr>
<tr>
<td>Current World Problems / Int’l Affairs 200</td>
<td>EWU</td>
<td>Sem.</td>
<td>4</td>
</tr>
<tr>
<td>French III / French 123</td>
<td>BC</td>
<td>Year</td>
<td>5</td>
</tr>
<tr>
<td>German III / German 103</td>
<td>UW</td>
<td>Year</td>
<td>5</td>
</tr>
<tr>
<td>Meteorology &amp; Astronomy/UW Astro. 101</td>
<td>UW</td>
<td>Year</td>
<td>5</td>
</tr>
<tr>
<td>Pre-Calculus / Math &amp; 141 &amp; Math &amp; 142</td>
<td>BC</td>
<td>Year</td>
<td>10</td>
</tr>
<tr>
<td>Spanish III / Spanish 123</td>
<td>BC</td>
<td>Year</td>
<td>5</td>
</tr>
<tr>
<td>Meteorology &amp; Astronomy/UW Astro. 101</td>
<td>UW</td>
<td>Year</td>
<td>5</td>
</tr>
</tbody>
</table>

Running Start

Running Start was created by the state legislature to provide academically motivated junior and senior high school students an opportunity to take college courses as part of their high
school education. Students may choose to take one or all of their courses at a community or technical college campus (up to 15 credits per quarter). Tuition is paid by the state but students are responsible for transportation, books, class fees, and parking. The majority of Mount Si High School Running Start students attend Bellevue College. Please contact a MSHS counselor for more information (425-831-8150).

CTE Dual Credit

CTE Dual Credit courses (formerly known as Tech Prep) 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:

- Register for the course through PNWCollegeCredit.org. This will take place during class with the assistance of the MSHS teacher.
- Pay a $50 fee for all Dual Credit classes taken in one school year; tuition is free.
- Complete course with a grade of 'B' or better.

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

Arts & Communication

<table>
<thead>
<tr>
<th>Mt Si Course Name</th>
<th>Course Length</th>
<th>College Issuing Credit</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital Media Arts Academy, Intro</td>
<td>Sem.</td>
<td>LWTech</td>
<td>5</td>
</tr>
<tr>
<td>Digital Media Arts Academy (Animation &amp; Game)</td>
<td>Year</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Digital Media Arts Academy (Filmmaking)</td>
<td>Year</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Digital Media Arts Academy (Graphic Design)</td>
<td>Year</td>
<td>BC/LWTech</td>
<td>5/4</td>
</tr>
<tr>
<td>Digital Media Arts Academy (Web Design)</td>
<td>Year</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Photography I</td>
<td>Sem.</td>
<td>LWTech</td>
<td>4</td>
</tr>
</tbody>
</table>

Business & Marketing

<table>
<thead>
<tr>
<th>Mt Si Course Name</th>
<th>Course Length</th>
<th>College Issuing Credit</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sports Marketing</td>
<td>Sem.</td>
<td>BC</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td>Sem.</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Advanced Marketing I</td>
<td>Sem.</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Advanced Marketing II</td>
<td>Sem.</td>
<td>BC</td>
<td>5</td>
</tr>
</tbody>
</table>

Engineering & Technology

<table>
<thead>
<tr>
<th>Mt Si Course Name</th>
<th>Course Length</th>
<th>College Issuing Credit</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Computer Science</td>
<td>Year</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Intro to Computer Science</td>
<td>Sem.</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Intro to Engineering Design I &amp; II</td>
<td>Sem. (x2)</td>
<td>Shoreline CC</td>
<td>5</td>
</tr>
<tr>
<td>Welding/Metals &amp; Mfg I &amp; II</td>
<td>Sem. (x2)</td>
<td>LWTech</td>
<td>7</td>
</tr>
</tbody>
</table>

Health & Human Services

<table>
<thead>
<tr>
<th>Mt Si Course Name</th>
<th>Course Length</th>
<th>College Issuing Credit</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Law</td>
<td>Sem.</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>American Sign Language I</td>
<td>Year</td>
<td>LWTech</td>
<td>5</td>
</tr>
<tr>
<td>American Sign Language II</td>
<td>Year</td>
<td>LWTech</td>
<td>5</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology I</td>
<td>Year</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Creative Cooking</td>
<td>Sem.</td>
<td>LWTech</td>
<td>3</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>Sem.</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Culinary Arts/Pro-Start Program</td>
<td>Year</td>
<td>Renton Tech or LWTech</td>
<td>16 or 9</td>
</tr>
<tr>
<td>Forensic Science</td>
<td>Year</td>
<td>BC</td>
<td>5</td>
</tr>
<tr>
<td>Sports Medicine I</td>
<td>Year</td>
<td>LWTech</td>
<td>3</td>
</tr>
<tr>
<td>Sports Medicine II</td>
<td>Year</td>
<td>LWTech</td>
<td>3</td>
</tr>
</tbody>
</table>

Science & Natural Resources

<table>
<thead>
<tr>
<th>Mt Si Course Name</th>
<th>Course Length</th>
<th>College Issuing Credit</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Horticulture I</td>
<td>Year</td>
<td>LWTech</td>
<td>4</td>
</tr>
<tr>
<td>Environmental Horticulture II</td>
<td>Year</td>
<td>LWTech</td>
<td>4</td>
</tr>
<tr>
<td>Environmental Horticulture III</td>
<td>Year</td>
<td>LWTech</td>
<td>4</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>Year</td>
<td>LWTech</td>
<td>4</td>
</tr>
</tbody>
</table>

WANIC (WA Network for Innovative Careers)

Students may also earn college credit through WANIC, a state-approved consortium of school districts that offers technical and professional training through CTE courses at local high schools and Skills Centers. WANIC courses are tailored to students pursuing careers in the following areas:

- **Composite Engineering Design / Manufacturing Careers**
- **Dental Careers**
- **Firefighter and EMS Careers**
- **Health Science Careers (Nursing)**

Access the [2017-2018 WANIC Course Catalog](#) for class descriptions and see the MSHS Career Specialist with any questions.
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.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CTE / OCC.</th>
<th>FINE ARTS</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>WORLD LANGUAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMERICAN SIGN LANGUAGE I</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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CTE courses that to 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, or 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.
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.

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<th>COURSE</th>
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<tr>
<td>ALL STUDENTS (INCLUDING RUNNING START)</td>
<td>$10 communications &amp; consumables</td>
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<tr>
<td>Art (all courses)</td>
<td>$25 per semester or per year for year-long courses</td>
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<td>Choir (all courses)</td>
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<tr>
<td>Construction Tech Leadership I or II</td>
<td>$5 shop fee per semester</td>
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<tr>
<td>Creative Cooking</td>
<td>$15 per semester</td>
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<tr>
<td>Culinary Arts</td>
<td>$20 lab fee, optional $15 basic Chef Coat</td>
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<tr>
<td>Environmental Horticulture</td>
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<tr>
<td>Intro to Robotics Engineering</td>
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<td>Enhancement</td>
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<td>Marketing, Advanced</td>
<td>Fees for activities assessed as they occur</td>
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<tr>
<td>MUSIC</td>
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<tr>
<td>Band (all courses) &amp; Orchestra</td>
<td>$100 fee per year</td>
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<tr>
<td>Percussion Ensemble</td>
<td>$100 fee per semester</td>
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<tr>
<td>Wind Ensemble</td>
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<tr>
<td>Music Creativity &amp; Collaboration (MCC)</td>
<td>$25 per semester</td>
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<td>World Drumming</td>
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<td>Jacket Fee</td>
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<td>Uniform Fee (Wind Ensemble, Jazz I, Percussion)</td>
<td>$50 once</td>
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<tr>
<td>PE classes</td>
<td>$5 fee per semester for all PE classes &amp; $6 lock fee, if needed (reusable)</td>
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<td>Photography II or III or IV</td>
<td>$5 lab fee per semester (possible additional printing costs)</td>
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<td>Meteorology &amp; Astronomy / UW Astronomy</td>
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<td>Physics (any course or section)</td>
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<td>Welding/Metals/Manufacturing Tech I or II</td>
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<td>Woodworking and Trades I or II</td>
<td>$10 lab fee per semester</td>
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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.
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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, or 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.
ADVANCED MARKETING I
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
HOMEWORK: Minimal
PREREQUISITIES: Principles of Marketing or Sport and Entertainment Marketing I
PURPOSE: Students 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 alongside student managers. Students experience first-hand marketing, entrepreneurial and business practices and trends through real-world, hands-on projects and their work in the DECA Den. Students have an opportunity to join DECA and attend competition in January. SPECIAL REQUIREMENTS: WA DECA/National DECA membership and participation in area 4 DECA competitive events, workshops, and MSHS DECA community events are mandatory. Competitive Events and conferences are only offered during fall semester. Students who placed at Area 4 for State Career Development Conference must attend the SCDC. Valid and current King County Health Department Food Handlers card is mandatory. Students can earn Tech Prep Credit by completing Advanced Marketing I with a B or better grade during their time at MSHS. COST: Fees for activities assessed as they occur

ADVANCED MARKETING II
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
HOMEWORK: Minimal
PREREQUISITIES: Advanced Marketing I
PURPOSE: Students in the Advanced Marketing II course will manage and run the DECA Den. Students will apply their knowledge of pricing, promotion, selling and retail management to perform the managerial functions required to operate the DECA Den. Students will also complete a semester-long project and can choose to develop their own marketing or business plan, or create a plan to meet the requirements to obtain School Store Certification through WA DECA. Students who participate in DECA will have an opportunity to attend multiple competitions throughout the semester.
SPECIAL REQUIREMENTS: WA DECA/National DECA membership and participation in area 4 DECA competitive events, workshops, and MSHS DECA community events are mandatory. Competitive Events and conferences are only offered during fall semester. Students who placed at Area 4 for State Career Development Conference must attend the SCDC. Valid and current King County Health Department Food Handlers card is mandatory. Students can earn Tech Prep Credit by completing Advanced Marketing II with a B or better grade. Advanced Marketing II can be taken anytime during a student’s years at MSHS. COST: Fees for activities assessed as they occur

AMERICAN LAW
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
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 how the law strives to promote fairness, equal justice, and individual rights. 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.
SKILLS DEVELOPED: Students will learn about the U. S. court system, constitutional freedoms, fair legal procedure, and types of crimes.

ANATOMY & PHYSIOLOGY I
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., Science, or Elective
HOMEWORK: Minimal
PURPOSE: This 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.
ANATOMY & PHYSIOLOGY II
Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Science or Elective
PREREQUISITE: Anatomy & Physiology I
HOMEWORK: Minimal
PURPOSE: Learn more about the systems of the body in this Advanced class of Anatomy & Physiology. Systems include: digestive, endocrine, blood, lymphatic, and urinary. For students who wish to pursue a career in the healthcare/medical field, taking Anatomy & Physiology is strongly suggested to build a strong base of knowledge before beginning their college curriculum. Must have obtained a “B” or better in Beg. Anatomy to enroll in this course.

AP COMPUTER SCIENCE
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., 3rd Year Math or Elective
PREREQUISITES: Geometry is recommended.
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, completion of Introduction to Computer Science and a strong math background or completion of AP Computer Science Principles will help assure success.
CLASS VIDEO: View HERE
COST: AP test fee TBD

AP COMPUTER SCIENCE PRINCIPLES
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., 3rd Year Math or Elective
PREREQUISITES: Algebra I
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: View HERE
COST: AP test fee TBD

COMPUTER & VIDEO GAME DEVELOPMENT
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
HOMEWORK: 60 mins / week
PURPOSE: This exciting Computer Science course teaches students the fundamentals of computer programming and allows them to apply those skills to game creation. Using robust, yet easy-to-use game creation tools, students will have the opportunity to work independently and in development teams to create their own video games for the PC, Xbox 360, and Mobile Phones.

CREATIVE COOKING
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
HOMEWORK: Minimal
PURPOSE: The emphasis of this course is on healthful meal planning and preparation, nutrition, foods equipment and purchasing. Foreign foods cookery is also included.
SKILLS DEVELOPED: Students will make use of many types of kitchen appliances, demonstrate cooking skills to others, develop knife skills and prepare from-scratch meals.
COST: $15 per semester
CRIMINAL JUSTICE
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed., Social Studies, or Elective

HOMEWORK: Minimal
PURPOSE: Criminal Justice is offered for the student to continue the study of criminal law. The aim of this course is to give students an in-depth study of the criminal justice system.
SKILLS DEVELOPED: Students will learn about the nature of crime, police and law enforcement, court proceedings, sentencing, and corrections. Career options will also be explored. Students will continue to develop and demonstrate decision-making skills and courtroom procedures by participating in various mock criminal proceedings. Students will take a field trip to Monroe prison or King County Superior Court.

CULINARY ARTS / PRO-START PROGRAM
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective

PREREQUISITE: Creative Cooking

HOMEWORK: Minimal
PURPOSE: This nationally certified program introduces students to a wide variety of careers in the Food Service Industry. Pro Start, "Where the Pros Start," will provide students with work habits that will contribute to their success in employment. Students will understand the basic principles of a daily business operation including ethical practice and product marketing. In addition, students will acquire an awareness of the laws, codes, regulations and labor management that govern food industry business. Skills will be taught in the use of tools/utensils, machines and processes to produce a product and provide a service. Students will learn to accept responsibility in leadership and be part of a team, while demonstrating the skills and attitude that contribute to a safe working environment.

COST: $20 plus optional $15 for basic chef coat

May repeat class with instructor permission.

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

HOMEWORK: Minimal
PURPOSE: Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

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 art work.

CLASS VIDEO: View HERE

DIGITAL MEDIA ARTS ACADEMY
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.

CLASS VIDEO: View HERE

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

HOMEWORK: Minimal
PURPOSE: This course provides students with seasonal experience in the study of environmental plant materials, turf
grass and golf course management combined with landscape design and installation. The student will gain the knowledge and skills required for entry into greenhouse and nursery work, turf management, and marketing and landscaping occupations. The students will obtain practical learning experiences, which will contribute to successful placement in areas related to environmental horticulture while also being prepared for advanced education in the industry.

SKILLS DEVELOPED: Student projects developed through this course will be designed to improve skills in reading, writing, listening, speaking, problem solving and goal setting.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors.

CLASS VIDEO: View HERE

COST: $20

Note: Colleges will determine if Horticulture will count as science or elective credits.

ENVIRONMENTAL HORTICULTURE II

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
PREREQUISITE: Environmental Horticulture I

HOMEWORK: Minimal

PURPOSE: This course builds knowledge and skills through practical experience and subject matter based on environmental horticulture and marketing, turf grass management, landscaping, and leadership. The emphasis is on the work and leadership skills necessary for employment in the field of environmental horticulture.

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: View HERE

COST: $20

Note: Colleges will determine if Horticulture will count as science or elective credits.

ENVIRONMENTAL HORTICULTURE III

Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: Occ. Ed., Science or Elective
PREREQUISITE: Environmental Horticulture I and II

HOMEWORK: Minimal

PURPOSE: This course is designed to focus on specific career areas for individual students wishing to enter the fields of Environmental Horticulture, Landscaping and Turf grass management. The emphasis is on work in one or two curriculum areas. Students will be job shadowing, interviewing, designing class projects and working in the field with industry professionals. 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 Horticulture industry.

Note: Colleges will determine if Horticulture will count as science or elective credits.

CLASS VIDEO: View HERE

COST: $20

May repeat class.

ENVIRONMENTAL SCIENCE

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

HOMEWORK: Minimal

PURPOSE: In this class students will study and examine many areas of environmental science and natural resources including land, forests, water, wildlife, and current issues. The science behind the processes in our environment will be investigated with hands-on labs and class projects. This is a lab science class.

SKILLS DEVELOPED: Student projects developed through this course will be designed to improve skills in reading, writing, listening, speaking, problem solving and goal setting.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors.

CLASS VIDEO: View HERE

COST: $20

Note to college-bound students: Washington state universities consider two years of Environmental Science to be equal to one year of lab science. Note: Colleges will determine if Environmental Science will count as science or elective credits.

FINANCIAL ALGEBRA

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

PREREQUISITE: For Occ. Ed no prereq, For math credit successful completion of geometry and counselor approval if using 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.

**This is a 2-hour block class at the main campus**

**FORENSIC SCIENCE**

- **Length / Credit:** 1 Year / 1.0 credit
- **Grade Level:** 11, 12
- **Graduation Requirement:** Occ. Ed., Soc. Studies Elective, Science, or General Elective

**HOMWORK:** Minimal

**PURPOSE:** Students will learn about the nature of crime, law enforcement, and court proceedings. 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, scientists and medical examiner in order to collect and evaluate evidence in a problem-solving environment. Topics include DNA technology and its uses, toxicology, anthropology, entomology, evidence law, criminalistics and career opportunities. Fieldtrips may be offered to pertinent facilities such as King County Superior Courthouse and/or the Medical Examiner’s Office.

**COST:** $10 per semester

**INTRO TO ANIMAL SCIENCE**

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

**HOMWORK:** 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 communications 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:** none

**COST:** TBD

**INTRO TO COMPUTER SCIENCE**

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

**HOMWORK:** 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 emphasize 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:** View HERE
INTRO ENGINEERING DESIGN I

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

PURPOSE: Project Lead the Way Curriculum. In this course students will use 3D modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9th – 12th grade students. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

COST: $10 per semester

INTRO ENGINEERING DESIGN II

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed., Fine Arts or Elective
PREREQUISITE: Intro Engineering Design I
HOMEWORK: Minimal

PURPOSE: Project Lead the Way Curriculum. In this course students will use 3D modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9th – 12th grade students. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

COST: $10 per semester

INTRO TO ROBOTICS ENGINEERING

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.

COST: $20

MANAGEMENT & LEADERSHIP PROGRAM

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

PURPOSE: To give College and Career students of any pathway the skills on how to manage and supervise real life projects. These skills include problem solving, planning, scheduling, estimating and controlling of job resources. They will also learn effective human relations skills such as motivation, communication and responsibility. Managers and supervisors are always on the frontline of every project. The skills learned in this class can be used in any career choice. Projects are highlighted throughout Mount Si High School and the community.

LET’S GET STARTED!

May repeat class.

MICROSOFT CERTIFICATIONS

Length / Credit: 1 Year / 1.0 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
PREREQUISITE: None
HOMEWORK: Minimal

PURPOSE: This course is designed to teach students fundamental concepts, terms and functions of Microsoft Office and other commonly used business technologies. Students will be given the opportunity to take the Microsoft Certification exams in Core for Word, Excel, PowerPoint, Access and Outlook. This course will include many authentic application problems that the students will solve by applying their newly learned computer skills.

NEWSPAPER PRODUCTION (Cat Tales)

Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
PREREQUISITES: Permission by Cat Tales adviser
HOMEWORK: Varies; mostly shooting photographs at after-school activities

PURPOSE: If you’ve ever wanted to see your name in print, newspaper production is the class for you! In this course, you will build on your basic journalism skills as a member of the staff of Cat Tales, Mount Si’s student newspaper.
SKILLS DEVELOPED: In this intense and fast-paced course, students will be responsible for all areas of Cat Tales production in print and online formats, including advertising, photography, reporting, and editing and page design. Attention to detail, willingness to spend time outside of class, working well under pressure and ability to meet deadlines are characteristics required of all students in this class.

SPECIAL REQUIREMENTS: This course requires work outside of the school day to complete assignments and meet deadlines. Students wishing to enroll in newspaper production must contact the newspaper adviser prior to enrolling. Editorial positions will be chosen through an interview process. Students enrolled in this course are also part of the Newspaper Club and will need to pay the school club fee.

May repeat class.

PERSONAL FINANCE
Length / Credit: 1 Semester 0.5 Credit
Grade Level: 11,12
Graduation Requirement: Occ. Ed., or Elective
PREREQUISITE: None
HOMEWORK: Minimal
PURPOSE: This class teaches students to manage their personal finances in the context of current economic conditions. Students will increase their financial and economic literacy while learning about vital topics such as preparing for the job market, the economy, taxes and tax forms, consumer rights and responsibilities budgeting, banking, insurance, credit and credit cards, and investing. This class will help prepare students for financial decisions in college and beyond.

PHOTOGRAPHY I
Length / Credit: 1 Semester 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts, Occ. Ed., Elective
HOMEWORK: Minimal
PURPOSE: Photo I students learn the basics of good photography: composition, lighting, creative angles, etc. Students shoot with a digital camera. Students learn about f/stops, shutter speeds, depth of field and also have practice in digital workflow techniques (using Adobe Photoshop CC). Photo assignments include many of the classic themes: portraits, landscapes, architecture, action, animals, abstract and photo essay. Photoshop projects will also be assigned throughout the semester. Students also work in groups on a still-photo movie using Windows Movie Maker. Students will have the opportunity to photograph/interview student activities for yearbook as well as newspaper.

SPECIAL REQUIREMENTS: Outside classroom work is required. A digital camera is recommended.

PHOTOGRAPHY II, III or IV
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ Ed., Fine Arts, Elective
PREREQUISITE: Photo I
HOMEWORK: Minimal
PURPOSE: Now that you know the basics from Photo I, expand your knowledge and art of photography through Photo II, III or IV. Students with a digital cameras work on four 4 1/2-week projects, two of which are a photo book and creating a still-photo movie (DVD) using Windows Movie Maker. The other 9 weeks are devoted to about 3D photo assignments. In addition, there will be some required assignments using original photos and Adobe Photoshop. Photographers in this class will be making more decisions as to which kind of photos they want to shoot, and become more critical of their work.

SPECIAL REQUIREMENTS: Outside classroom work is required. A digital camera is recommended.

COST: $5 per semester (possible additional photo printing costs)

PRINCIPLES OF BIOMED
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. ed/Science
HOMEWORK: 30 mins / day
PREREQUISITE: None
PURPOSE: This introductory course of the PLTW Biomedical Science program, allows students to explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

COST: $5 per semester

PRINCIPLES OF MARKETING
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
PREREQUISITE: None
HOMEWORK: Minimal
PURPOSE: Students are introduced to basic marketing concepts such as entrepreneurship, marketing mix, advertising, promotion and product development. Students engage in a variety of hands-on projects and activities to help them gain an understanding of the marketing process used to
make business decisions. Students have an opportunity to join DECA and attend competition in January.

SPORTS & ENTERTAINMENT MGMT/MKTG I
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
PREREQUISITE: None
HOMEWORK: Minimal
PURPOSE: “SEM” I will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and entertainment marketing and event management. The areas covered by this course are: basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. This course will also delve into the components of promotional plans, sponsorship proposals and the key elements needed in sports marketing plans. Students taking SEM I have the opportunity to participate in DECA and attend competition in January.

SPORTS & ENTERTAINMENT MGMT/MKTG II
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed. or Elective
PREREQUISITE: Sports & Entertainment Mgmt/Mktg. I
HOMEWORK: Minimal
PURPOSE & SKILLS DEVELOPED: This is a continuation of Sports and Entertainment Management and Marketing I, with advanced projects and activities. Students in SEM II will have an opportunity to manage and operate the DECA Den as well as plan and facilitate promotional and entertainment related events for DECA and the DECA Den. Students will also complete a semester-long project and can choose to develop their own sports marketing or business plan, or create a plan to meet the requirements to obtain School Store Certification through WA DECA. Students who participate in DECA will have an opportunity to attend multiple competitions throughout the semester.
May repeat class

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: View HERE

SPORTS MEDICINE II
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.

SKILLS DEVELOPED: 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: View HERE
May repeat class.

TEACHING ACADEMY I
Length / Credit: 1 Year / 1.0 Credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed., Elective
HOMEWORK: 1 Hour/week
PRE-REQUISITES: Tuberculosis test documentation, ability to arrange transportation to internship site, and possible background check to comply with State Law
SUGGESTED PRE-REQUISITE: Psychology or AP Psychology
PURPOSE: Students will learn the knowledge, skills, and practices required for careers in education. The course focuses on the general theory and practice of learning and teaching; the basic principles of educational psychology; the art of
teaching; the planning and administration of educational activities; and the social foundations of education. Students will study topics in education, participate in observations and internship placement in pre-school through high school, and participate in a teaching practicum.

**SKILLS DEVELOPED:** Communication, collaboration, teamwork, and leadership skills

### WELDING/METALS & MFG. TECH. I or II

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

### PREREQUISITE:** Students must complete Welding/Metals & MFG I before taking Welding/Metals & MFG II.

**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; wirefeed 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 have the opportunity to explore and investigate career and occupational options.

**COST:** $10 per semester

*May repeat class.*

### WOODWORKING/TRADES I & II

**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/Trades I before taking Woodworking/Trades II.

**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.

**COST:** $10 per semester

*May repeat class.*

### YEARBOOK PRODUCTION (TENAS COMA)

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

**HOMEWORK:** Minimal

**PURPOSE:** Preserving history and making memories—that’s 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 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. Students enrolled in this course are also part of the Newspaper Club and will need to pay the school club fee.

*May repeat class.*
Art Courses

**AP ART HISTORY**

Length / Credit: 1 Year / 1 Credit  
Grade Level: 10, 11, 12  
Graduation Requirement: Fine Arts or Elective  
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.  
HOMEWORK: 15 mins / day  
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 an expectation that students will take the AP Art History exam in the spring.  
COST: $25 plus AP exam fee TBD (AP exam is optional)  
SUMMER HOMEWORK: Click [HERE](#)  

**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  
PREREQUISITE: Art III  
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 2D Design Drawing portfolio as defined by the AP Studio Art criteria. The Design portfolio may include (but is not limited to): drawing, painting, printmaking, illustration, graphic design, photography, and collage. The Drawing portfolio may include (but is not limited to): drawing, painting, printmaking, and mixed media.  
COST: $25 plus AP exam fee TBD (AP exam is optional)  
SUMMER HOMEWORK: Click [HERE](#)  

**AP STUDIO ART: 3-D DESIGN**

Length / Credit: 1 Year / 1 Credit  
Grade Level: 11, 12  
Graduation Requirement: Fine Arts, Occ. Ed., or Elective  
PREREQUISITE: Ceramics III.  
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: 2 hours/week  
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: $25 plus AP exam fee TBD (AP exam is optional)  
SUMMER HOMEWORK: Click [HERE](#)  

**ART I**

Length / Credit: 1 Semester / 0.5 Credit  
Grade Level: 9, 10, 11, 12  
Graduation Requirement: Fine Arts or Elective  
HOMEWORK: 15 mins / day  
PURPOSE: No prior art experience required! All are welcome! Learn the basics of art making and produce a variety of art projects! Experience a wide variety of media and techniques directly related to the development of artistic, creative appreciation! Learn how to accurately draw, paint, and express yourself creatively! Learn the Elements of Design! Impress everyone with your artistic prowess! Students will create an online website/portfolio for presentation of their artwork.  
COST: $25 per semester  

**ART II**

Length / Credit: 1 Semester / 0.5 Credit  
Grade Level: 9, 10, 11, 12  
Graduation Requirement: Fine Arts or Elective  
PREREQUISITE: Art I  
HOMEWORK: 15 mins / day  
PURPOSE: Students will produce a variety of art projects, build upon the skills learned in the Beginning Art course, and expand their knowledge of various media used in drawing, painting, and graphic design. Learn to use the elements and principles of
design and apply this knowledge to your own artwork. Develop planning, independent thinking, and communication as you encounter and accept challenging new forms of art expression. Students will create an online website/portfolio for presentation of their artwork.

**COST:** $25 per semester

**ART III**

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<td>Graduation Requirement:</td>
<td>Fine Arts or Elective</td>
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**PREREQUISITE:** Art II

**HOMEWORK:** 15 mins / day

**PURPOSE:** Motivated art students will produce a variety of art pieces. Continue to master a variety of design and media in order to produce more personal art works. Students will produce a cohesive group of pieces focused around a personal “theme” and will present to these to the class at the end of the semester.

**COST:** $25 per semester

*May repeat class.*

**CERAMICS I**

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<td>Grade Level:</td>
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<td>Graduation Requirement:</td>
<td>Fine Arts, Occ. Ed. or Elective</td>
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**HOMEWORK:** 15 mins / day

**PURPOSE:** This is a hands-on class where students will produce a variety of ceramic pieces. Students will complete a variety of assignments in order to further their mastery of techniques. At the same time they will study art elements, principles and techniques by writing descriptive paragraphs about their work. 


**COST:** $25 per semester

**CERAMICS II**

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<th>Length / Credit:</th>
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<td>Graduation Requirement:</td>
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**PREREQUISITE:** Ceramics I or Art I in 9th grade

**HOMEWORK:** 15 mins / day

**PURPOSE:** This is a hands-on class where students will change their focus from hand projects to wheel projects. Students will complete a variety of assignments in order to further their mastery of both hand techniques as well as gain confidence in work on the wheel. At the same time they will study art elements, principles and techniques by writing about their work. They will begin to create a personal ‘vision’ and produce a small group of pieces which they will present to the class from a website and blog at the end of the semester.


**SPECIAL REQUIREMENTS:** Good attitude, ability to work independently on long term projects, to create with technology to record their work and an interest in furthering student’s art experience.

**COST:** $25 per semester

*May repeat class.*

**CERAMICS III**

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**PREREQUISITE:** Ceramics II

**HOMEWORK:** 15 mins / day

**PURPOSE:** This is a hands-on class where students will produce a variety of ceramic pieces. Students will complete a variety of assignments in order to further their mastery of techniques. At the same time they will study art elements, principles and techniques by writing about their work. In order to sharpen their personal ‘vision’, they will produce a cohesive group of pieces which they will present to the class from a website and blog at the end of the semester.


**SPECIAL REQUIREMENTS:** Good attitude and an interest in furthering student’s art experience.

**COST:** $25 per semester

*May repeat class.*

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**Music Courses**

**AP MUSIC THEORY**

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<th>Length / Credit:</th>
<th>1 Year / 1.0 Credit</th>
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<td>Fine Arts or Elective</td>
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**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:** $25 plus AP exam fee TBD; AP exam is optional

**SUMMER HOMEWORK:** [Click HERE](#)

### Camerata Choir

**Length / Credit:** 1 Year / 1 Credit

**Grade Level:** 10, 11, 12

**Graduation Requirement:** Fine Arts or Elective

**PREREQUISITE:** Audition is required

**HOMEWORK:** 15 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 have basic understanding of 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:** View [HERE](#)

**COST:** $25 Uniform Cleaning Fee & $15 Choir T-Shirt (paid to Boosters) in addition to $100 Course Fee (paid to Main Office) – *May repeat class*

### Concert Band

**Length / Credit:** 1 Year / 1 Credit

**Grade Level:**

**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.

**COST:** $100

### Concert Choir

**1st PERIOD MAIN CAMPUS**

**Length / Credit:** 1 Year / 1 Credit

**Grade Level:** 9

**Graduation Requirement:** Fine Arts or Elective

**HOMEWORK:** 45 mins / week

**PURPOSE:** Concert Choir is open to all freshmen who want to participate in choir and music. This is a freshman only 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 male and female 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 [HERE](#)

**COST:** $15 T-Shirt fee (paid to Boosters) in addition to $100 Course Fee (paid to Main Office) – *May repeat class*

### Intermezzo Choir

**Length / Credit:** 1 Year / 1 Credit

**Grade Level:** 10, 11, 12

**Graduation Requirement:** Fine Arts or Elective

**HOMEWORK:** 45 mins / week

**PURPOSE:** Intermezzo Choir is a non-auditioned choir available to any 10th-12th grade students at Mount Si, regardless of previous experience. In this choir, we will focus on healthy vocal technique, music theory, and a variety of choral repertoire. Students will have 3 concerts and 1 festival to attend. Students may also have one additional festival that falls both inside & outside school hours. This choir is a lower commitment choir compared to the other advanced choirs.

**CLASS VIDEO:** View [HERE](#)

**COST:** $25 Uniform Cleaning Fee; $100 course fee payable to MSHS and $15 choir t-shirt fee payable to Music Boosters – *May repeat class*.
**JAZZ ENSEMBLE**
**ZERO PERIOD MAIN CAMPUS**
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:** 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.  
**COST:** $100  
**May repeat class.**

**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](#)  
**COST:** $25 / semester  
**May repeat class.**

**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.  
**COST:** $100  
**May repeat class.**

**PERCUSSION ENSEMBLE/DRUMLINE**
Length / Credit: 1 Year / 1 Credit  
Grade Level: 9, 10, 11, 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 on the Wildcat Drumline, performing at all home football games. Performances at all concerts and festivals with Wind Ensemble, Symphonic Band, and Concert Band.  
**COST:** $100 plus one time $50 uniform fee

**ORCHESTRA**
Length / Credit: 1 Year / 1 Credit  
Grade Level: 9, 10, 11, 12  
Graduation Requirement: Fine Arts or Elective  
**PREREQUISITE:** Students must have at least one year previous experience on a string instrument (violin, viola, cello, acoustic bass)  
**HOMEWORK:** 2-3 hrs / week

**HOMEWORK:** 2-3 hrs / week  
**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.  
**COST:** $100  
**May repeat class.**

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**FINE ARTS COURSES**

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**Mount Si High School Course Catalog**
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 have basic understanding of 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: View HERE
COST: $25 Uniform Cleaning Fee & $15 T-Shirt Fee (paid to Boosters) in addition to $100 Course Fee (paid to Main Office)

May repeat class.

VOCAL JAZZ ENSEMBLE
ZERO PERIOD MAIN CAMPUS
Vocal Jazz I meets daily; Vocal Jazz II meets 3 mornings per week.

Length / Credit for Jazz I: 1 Year / 1 Credit
Length / Credit for Jazz II: 1 Year / .5 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Fine Arts or Elective
HOMEWORK: 20 mins / day for Vocal Jazz I; 20 mins / day 3 times per week for Vocal Jazz II
PREREQUISITE: Enrolled in a classical choir or band class during the school year. 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 a 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 I 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 II 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 HERE
COST: Students will need to purchase a Jazz sweatshirt ($25 paid to boosters) in addition to the $100 Course Fee (paid to Main Office).

May repeat class.

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.

COST: $100 plus one time $50 uniform fee

May repeat class.

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 poly-rhythms and rhythm stacking through African, Latin, and Caribbean music will all be examined and practiced through the use of 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.

SPECIAL REQUIREMENTS: Students will be required to perform in one evening concert, as well as one or more “during school” performances (lunch, after school, assemblies)

COST: $25 / semester
General Electives Courses

**AP PSYCHOLOGY**

- **Length / Credit:** 1 Year / 1 Credit
- **Grade Level:** 10, 11, 12
- **Graduation Requirement:** Elective

_HOMWORK:_ 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.

[COURSE VIDEO]: View [HERE](#)

[FAQ]: Click [HERE](#)

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

**ENGLISH LANGUAGE LEARNERS (ELL)**

- **Length / Credit:** 1 Year / 1 Credit
- **Graduation Requirement:** Elective

**PURPOSE:** 1. To help ESL students develop basic English skills in listening, speaking, reading, writing, and grammar. 2. To allow ESL students to work on their mainstreamed classes' materials. 3. To learn American culture and share their own cultures (experience multi-culture in class).

**SKILLS DEVELOPED:** Study skills, communication skills, grammar, projects, note taking, organizational techniques, public speaking, and working in a group/pair.

[COST]: AP Exam Fee TBD

**PSYCHOLOGY**

- **Length / Credit:** 1 Semester / 0.5Credit
- **Grade Level:** 10, 11, 12
- **Graduation Requirement:** Elective

_HOMWORK:_ 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.

[COURSE VIDEO]: View [HERE](#)

[FAQ]: Click [HERE](#)

[COST]: AP Exam Fee TBD
TEACHER ASSISTANT

Length / Credit: 1 Semester / 0.25 Credit
Grade Level: 11, 12
Graduation Requirement: Elective

HOMEWORK: N/A

PURPOSE: The purpose of this course is to provide interested students with the opportunity to assist teachers with various tasks. A teacher assistant often helps in these ways: grading papers, recording grades, duplicating materials, leading P.E. exercises, setting up science equipment, helping students with assignments, and sometimes leading class discussions. The following guidelines are in effect for students wishing to participate in this program: 1. ordinarily, a teacher assistant class is worth only .25 unit of credit and graded on a pass/fail basis. Other options are available through coordination with the teacher concerned, a counselor, and the principal or assistant principal. 2. Students may apply only 2 units of regular teacher assistant credit in completing the 22 units of credit for graduation. 3. Students may enroll in only one teacher assistant position per semester during the normal academic day (period 1 through 6). 4. Ordinarily, students must be of junior or senior standing. Exceptional Sophomores may be teacher assistants with special arrangements between the teacher and a counselor. 5. All teacher assistants must have written approval of the teacher prior to registration time. 6. For an elementary teacher assistant, it is the responsibility of the student to secure a position and to arrange for this position prior to registration. May repeat class.
Language Arts Pathways

- English Credit Required for Graduation
- Recommended English Credits for Competitive College Admissions

LA 9
Honors designation available

LA 10
LA 10 Honors

American Literature
AP Language & Comp

LA 12 Literature
AP Literature & Comp
9th Grade Language Arts

**LANGUAGE ARTS 9**

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<td>Graduation Requirement</td>
<td>Language Arts or Elective</td>
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</table>

**HOMEWORK:** 20 mins / day

**PURPOSE:** The goal of LA 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.

*Honors Designation Available*

10th Grade Language Arts

**LANGUAGE ARTS 10**

<table>
<thead>
<tr>
<th>Length / Credit</th>
<th>1 Year / 1 Credit</th>
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<tr>
<td>Grade Level</td>
<td>10</td>
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<tr>
<td>Graduation Requirement</td>
<td>Language Arts or Elective</td>
</tr>
</tbody>
</table>

**HOMEWORK:** 30 mins / day

**PURPOSE:** The goal of LA 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.

11th Grade Language Arts

**AMERICAN LITERATURE**

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<tr>
<th>Length / Credit</th>
<th>1 Year / 1 Credit</th>
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<tr>
<td>Grade Level</td>
<td>11</td>
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<tr>
<td>Graduation Requirement</td>
<td>Language Arts or Elective</td>
</tr>
</tbody>
</table>

**HOMEWORK:** 30 mins / day

**PURPOSE:** While this class is suitable for all students, it is intended to be taught so as to prepare students for the rigors of 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 a research paper using MLA format.

AP ENGLISH LANGUAGE *

Length / Credit: 1 Year / 1 Credit
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 and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

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. Higher level writing and critical thinking skills will be taught; research using the MLA style; language development will be a significant element; and post-secondary study habits will be reinforced.

SKILLS DEVELOPED: Advanced literary and stylistic analysis; close reading of complex texts; advanced vocabulary knowledge and usage; advanced grammar and mechanical skills; research using the MLA style.

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

* Indicates opportunity to earn college credit through College in the High School. See page 6 for further information.

SUMMER HOMEWORK: HERE

12th Grade Language Arts

AP ENGLISH LITERATURE *

Length / Credit: 1 Year / 1 Credit
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 and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

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. Advanced literary and stylistic analysis; close reading of complex texts; advanced vocabulary development and usage; advanced grammar and mechanical skills; research using the MLA style.

SKILLS DEVELOPED: Advanced literary and stylistic analysis; close reading of complex texts; advanced vocabulary development and usage; advanced grammar and mechanical skills; research using the MLA style.

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

* Indicates opportunity to earn college credit through College in the High School. See page 6 for further information.

SUMMER HOMEWORK: HERE

LANGUAGE ARTS 12 LITERATURE

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

HOMEWORK: 15 mins / day

PURPOSE/GOAL: LA 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. In order 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

**LANGUAGE ARTS CREDIT RECOVERY**

- **Length / Credit:** 1 Quarter / .5 Credit
- **Grade Level:** 10, 11, 12
- **Graduation Requirement:** Language Arts or Elective
- **HOMEWORK:** 15 mins / day

**PURPOSE/GOAL:** The purpose of this course is to give students the opportunity to recover Language Arts credit for graduation.

**SKILLS DEVELOPED:** There will be a focus on skill development in reading, writing, speaking and listening through a reading journal, vocabulary acquisition, presentations, text analysis, and essays.

*May repeat class.*
Math Pathways

3 Math Credits Required for Graduation
3-4 Recommended Math Credits for Competitive College Admissions

Grade 8th to 9th Transition
- Common Core 8
  - Algebra
- Algebra
- Geometry or Coo In Construction
- Geometry
- Algebra II

Grades 10th - 12th
- Algebra
- Geometry or Coo In Construction
- Algebra II
- 11-12th Only Financial Algebra *
- 11-12th Only Bridge to College Mathematics **
- Algebra III
- Pre-Calculus or CHS Pre-Calculus
- AP Statistics
- Pre-Calculus AB
- AP Statistics
- Calculus
- AP Calculus AB
- AP Statistics
- AP Calculus BC

* Enrollment in FINANCIAL ALGEBRA is by counselor recommendation only. The course fulfills the 3rd year high school math requirement but does not meet college admissions requirements for 4-year colleges and is not NCAA approved.
** BRIDGE TO COLLEGE is not an NCAA approved course.
**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 3**

**Length / Credit:** 1 Year / 1 Credit  
**Grade Level:** 10, 11, 12  
**Graduation Requirement:** Math or Elective  
**PREREQUISITE:** Successful completion of Algebra 2. See math pathway diagram for more information.  
**HOMEWORK:** 20 mins / day  
**PURPOSE:** This course covers quadratics, conics, polynomials, composite functions, logarithms, systems of equations, sequences and series, advanced factoring methods, classical inequalities, parent functions and transformations, and trigonometry. This class goes beyond the Algebra 2 curriculum and introduces many of the topics of a typical Pre-Calculus course. The content of this course is important to students’ success on SAT, ACT and college mathematics entrance exams.  
**MATERIALS:** Graphing calculator (Recommended TI-83/84+)

**AP CALCULUS AB**

**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.  
**HOMEWORK:** 30-45 mins / day  
**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.  
**MATERIALS:** TI-84+ calculator or TI-84 calculator (Recommended, no QWERTY keyboards)  
**COST:** AP exam fee TBD  
**SUMMER HOMEWORK:** Click [HERE](#)

**AP CALCULUS BC**

**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 and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.  
**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.  
**COST:** AP exam fee TBD

**AP STATISTICS**

**Length / Credit:** 1 Year / 1 Credit  
**Grade Level:** 10, 11, 12  
**Graduation Requirement:** Math or Elective  
**PREREQUISITE:** Successful completion of Algebra 2, Algebra 3 or Pre-Calculus  
Honors/AP courses are rigorous and are designed to prepare students for college level coursework and may require summer
The course is intended for students interested in studying concepts of central tendency, 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 in order 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)

**COST:** AP exam fee TBD

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**BRIDGE TO COLLEGE**

**Length / Credit:** 1 Year / 1 Credit

**Grade Level:** 11, 12

**Graduation Requirement:** Math or Elective

**PREREQUISITE:**

**HOMEWORK:** 30-45 mins / day

**PURPOSE:** This course is designed for students to improve their readiness for college-level math courses through building conceptual understanding, reasoning and mathematical skills. The course emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Learning Standards (the Common Core State Standards, CCSS-M).

**SKILLS DEVELOPED:** Building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. Meets the baccalaureate admissions requirement for a 4th year quantitative reasoning course.

**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+)

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**FINANCIAL ALGEBRA**

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**Length / Credit:** 1 Year / 1 Credit

**Grade Level:** 10, 11, 12

**Graduation Requirement:** Math*, Occ. Ed, Elective

**PREREQUISITE:** For Occ. Ed no prereq, For math credit successful completion of geometry and counselor approval if using 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.

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**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

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**GEOMETRY IN CONSTRUCTION**

**This is a 2-hour block class**

**Length / Credit:** 1 Year / 2 Credits

**Grade Level:** 9, 10, 11, 12

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

**PREREQUISITE:** Successful completion of Algebra 1

**HOMEWORK:** 30 mins / day

**PURPOSE:** This is an alternative approach to learning Geometry. Math and CTE teachers are partnered to teach Geometry objectives applied to construction. Students enroll
for 1 credit of Geometry and 1 credit of Construction, and are assigned a 2-period block of time each day. The course incorporates design and building of construction projects. Students use the mathematics in context by producing a construction project. Upon completion of the course, students continue into Algebra 2. Students may choose to work on their NCCER Certification in Carpentry.

**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 Algebra 3. See math pathway diagram for more information.  
**HOMEWORK:** 30-45 mins / day  
**PURPOSE:** This course will prepare students for Calculus and other college-level mathematics courses. The topics of Algebra 2/3 will be reviewed and expanded. Trigonometry and its applications, advanced graphing techniques, applications of limits and introductory Calculus will also be included in the course.  
**MATERIALS:** Graphing calculator (Recommended: TI-83/84+)  
*Indicates opportunity to earn college credit through College in the High School. See page 6 for further information.
Occupational Education Courses

Required Occupational Education Credits for High School Graduation: 1 Credit
Recommended Occupational Education Credits for Competitive 4-Year College: 1 Credit

Many courses offered by the Career & Technical Education Department qualify for Occupational Education Credit. Refer to the Career & Technical Ed. Courses chapter for additional information.

ASB
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Occ Ed or Elective
PREREQUISITE: Placement by application only
HOMEWORK: N/A
PURPOSE: Students may serve as an Associated Student Body (ASB) leader by applying for a committee or running for Executive Board. One requirement for ASB executive board and committee members is to enroll in the yearlong ASB course. The course curriculum focuses on servant leadership, financial management of the ASB budget, and implementation of cultural, athletic, recreational, and social events.
COST: $55

APPLIED OFFICE
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Occ. Ed or Elective
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 have the opportunity to 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.

INTRO TO LEADERSHIP
Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 9
Graduation Requirement: Occ. Ed, Elective
HOMEWORK: N/A
PURPOSE: Leadership is designed to teach leadership skills as a pre-requisite for future leadership roles in ASB and class boards positions at MSHS.
SKILLS DEVELOPED: This course is designed to strengthen students’ personal and group leadership skills. It is intended to develop effective communication, human relations, organization and management of group dynamics.
SPECIAL CONSIDERATIONS: Please note that this course will require a time commitment outside of regular class schedule. Class will place an emphasis on community service and planning and implementing student body activities and celebrations, many of which will require attendance and participation both before school, after school and evenings.

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 gain valuable research skills.
SKILLS DEVELOPED: Library Aides will be trained to: work the circulation desk, shelf read, shelve books, assist students with research, process new magazines, newspapers and books. In addition to daily responsibilities, students will contribute to displays, maintain a blog, use a class Wiki, construct a PowerPoint presentation, create a video and develop a resume and cover letter highlighting the Library Aide experience.
SPECIAL REQUIREMENTS: Students should have a love of books, be able to work independently, be self-motivated, be accurate and detail oriented, have an interest in helping

AVID
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: Advancement Via Individual Determination (AVID) is a course designed to prepare students for success in rigorous courses and entrance into four year colleges and universities.
SKILLS DEVELOPED: AVID students collaborate with peers and college educated tutors to deepen their content knowledge, practice questioning strategies and lead discussions. The AVID coursework focuses on writing, inquiry, collaboration, organization and reading strategies that students will use for success in rigorous courses and in college.
others, be trustworthy and responsible, and have excellent behavior and attendance.  
*May repeat class.*

**PEER TUTOR: AVID**

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<tr>
<th>Length/credit:</th>
<th>1 semester/0.50 credit</th>
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<tr>
<td>Grade Level:</td>
<td>11, 12</td>
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<tr>
<td>Graduation Requirement:</td>
<td>Occ. Ed or Elective</td>
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<tr>
<td>HOMEWORK:</td>
<td>N/A</td>
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**PURPOSE:** The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in AVID (Advancement Via Individual Determination) classroom environments. These tutors will be working in conjunction with assigned Mount Si High School AVID teachers and will be directly supervised by the assigned teachers. Tutors will assist students by providing assistance in formal AVID Tutorial sessions and Collaborative Study Groups, college and career readiness strategies and preparation, and relationship building.

**SKILLS DEVELOPED:** Under the supervision of classroom staff, students will learn the skills needed to facilitate AVID Tutorials and Collaborative Study Groups. Tutors will be trained in specific AVID WICOR (Writing, Inquiry, Collaboration, Organization, Writing) strategies, questioning strategies, developing positive peer interactions, and basic classroom management.

**SPECIAL INTEREST:** Students who are considering a career in education are especially encouraged to become AVID Peer Tutors.

**PEER TUTOR: HEALTH FOR LIFE**

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<th>Length / Credit:</th>
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<tr>
<td>Grade Level:</td>
<td>11, 12</td>
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<tr>
<td>Graduation Requirement:</td>
<td>Occ. Ed., PE, or Elective</td>
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<td>HOMEWORK:</td>
<td>N/A</td>
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**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.

**PEER TUTOR: LIFE SKILLS & PEER TUTOR: COMMUNITY-VOCATIONAL CONNECTIONS**

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<td>Occ. Ed. or Elective</td>
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<tr>
<td>HOMEWORK:</td>
<td>Minimal</td>
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**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 Skill’s 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.

**PEER TUTOR: SCIENCE**

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<td>HOMEWORK:</td>
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**PURPOSE:** The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in science classroom environments as well gain entry level skills necessary to work in a lab environment. These tutors will be working in conjunction with assigned Mount Si High School Science Teachers and will be directly supervised by the assigned teachers. Tutors will assist students by providing 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 be 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 previously taken and passed the science class they are tutoring.  
*May repeat this class.*
PEER TUTOR: SOCIAL STUDIES
Length / credit: 1 semester / 0.50 credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed. 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 social studies classrooms. These tutors will be working in conjunction with assigned Mount Si High School Social Studies Teachers and will be directly supervised by the assigned teachers. Tutors will assist students by providing explanations, clarifying assignments, offering test preparation activities, and facilitating & guiding student discussions. Tutors may also have the opportunity to develop and deliver lessons to their peers with teacher guidance.

SKILLS DEVELOPED: Under the supervision of the classroom staff, students will learn skills to successfully tutor and mentor peers. Tutors will be trained in social studies skills development, providing effective feedback, interpersonal communication, and reflective practices.

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

May repeat this class.

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 directly 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.
Physical Education & Health Courses

Required PE Credits for High School Graduation: 1.5 Credits
Required Health Credits for High School Graduation: .5 Credits
Recommended PE & Health Credits for Competitive 4-Year College: same as above

**BODY SHAPING**

<table>
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<tr>
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<tr>
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<tr>
<td>Graduation Requirement:</td>
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</tr>
</tbody>
</table>

**HOMEWORK:** N/A

**PURPOSE:** This class is designed for girls to show how weight training is used in overall fitness as well as a positive supplement for athletic competition. Cardiovascular conditioning will also be emphasized. Overall lifetime fitness will be taught including; skills for weight management, strength (toning) building and good nutrition.

**SKILLS DEVELOPED:** Basic knowledge of how to stay fit for life using free weights, machines and cardiovascular workouts. Students will be able to set up a comprehensive workout program for weight lifting as well as cardiovascular fitness, stretching and good nutrition.

**COST:** $5 per semester plus $6 lock fee student needs lock

*May repeat class.*

**CROSSFIT**

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<tr>
<th>Length / Credit:</th>
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<tr>
<td>Graduation Requirement:</td>
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**PREREQUISITE:** 1 semester of Fit 4 Life

**HOMEWORK:** N/A

**PURPOSE:** Mount Si CrossFit is a welcoming, safe, and encouraging environment designed to challenge students of all ability levels. Come prepared for high intensity workouts that incorporate Olympic Weightlifting, gymnastic movements and conditioning, designed to push your fitness to the next level.

**PROGRAM OUTCOME:** The student will be able to perform with accuracy; various lifts, bodyweight gymnastics movements, and conditioning movements. Students will also be able to implement safety protocols, goal setting and workout programming.

**FIT FOR LIFE**

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<thead>
<tr>
<th>Length / Credit:</th>
<th>1 Semester / 0.5 Credit</th>
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</thead>
<tbody>
<tr>
<td>Grade Level:</td>
<td>9</td>
</tr>
<tr>
<td>Graduation Requirement:</td>
<td>PE or Elective</td>
</tr>
</tbody>
</table>

**HOMEWORK:** 15 mins / night

**PURPOSE/GOAL:** 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:** The Fit for Life curriculum, utilizes appropriate instructional practices to develop competence and confidence in a variety of movement forms such as recreational and physical fitness, activities. The emphasis is on providing success and enjoyment for all students. 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 grades 9-12. 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:** $5 per semester plus $6 lock fee student needs lock

*May repeat class.*

**HEALTH**

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<tr>
<th>Length / Credit:</th>
<th>1 Semester / 0.5 Credit</th>
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<tr>
<td>Grade Level:</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>Graduation Requirement:</td>
<td>Health or Elective</td>
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</tbody>
</table>

**HOMEWORK:** N/A

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

**PROGRAM OUTCOME:** 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.

**OUTDOOR PURSUITS**

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<th>Length / Credit:</th>
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<tr>
<td>Grade Level:</td>
<td>10, 11, 12</td>
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<tr>
<td>Graduation Requirement:</td>
<td>PE or Elective</td>
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</table>

**HOMEWORK:** N/A
Physical Education & Health Courses

PURPOSE/GOAL: To teach and provide lifetime skills in outdoor survival as well as outdoor activities.

SKILLS DEVELOPED: Basic knowledge in backpacking, camping, rock climbing, archery, survival skills, orienteering and other outdoor adventures. Students will be in the classroom as well as participate in fitness and outdoor activities.

COST: $5 per semester plus $6 lock fee student needs lock
May repeat class.

PEER TUTOR: HEALTH FOR LIFE

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.

RACQUET SPORTS & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: PE or Elective

HOMEWORK: N/A

PURPOSE: The course is designed for students who want to develop more advanced skills in a variety of team sports.

SKILLS DEVELOPED: A knowledge and understanding of rules and skills in: Soccer, Flag Football, Softball, Volleyball, Basketball, Lacrosse. Students will participate in fitness activities twice a week which will include the weight room and running.

COST: $5 per semester plus $6 lock fee if needed
May repeat class.

TEAM SPORTS & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: PE or Elective

HOMEWORK: N/A

PURPOSE: This course is designed for the students who want to improve their cardiovascular fitness.

SKILLS DEVELOPED: A knowledge and understanding of rules and skills in: Soccer, Flag Football, Softball, Volleyball, Basketball, Lacrosse. Students will participate in fitness activities twice a week which will include the weight room and running.

COST: $5 per semester plus $6 lock fee if needed
May repeat class.

YOGA

Length / Credit: 1 Semester / 0.5 Credit
Grade Level: 10, 11, 12
Graduation Requirement: PE or Elective

HOMEWORK: N/A

PURPOSE: This one-semester course is for students strictly interested in yoga practice. All experience levels are welcome. 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. Yoga will challenge and enrich all individuals by allowing them to improve their flexibility, strength, and cardiovascular conditioning. Basic asanas will be explored through Hatha yoga but Lyengar, Vinyasa, and Yin will also be incorporated.
Science Courses

Science Pathways for Classes of 2020 & 2021

- 3 Science Credit Required for Graduation
- 3-4 Recommended Science Credits for Competitive College Admissions

Integrated Inquiry Science 1 *

Integrated Inquiry Science 2 *

Chemistry or Chemistry for Science Majors

Physics or AP Physics (3 options below)

Science Elective (see options below)

Honors Inquiry Biology *

Chemistry

Chemistry for Science Majors

AP Physics (3 options below)

Science Elective (see options below)

Science Elective Options
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 1
- AP Physics C: Electricity & Magnetism
- AP Physics C: Mechanics
- Chemistry
- Chemistry for Science Majors
- Marine Biology: Oceanography
- Meteorology & Astronomy / UW Astronomy
- Physics

CTE Course Options for Science Elective
- Anatomy / Physiology
- Environmental Horticulture
- Environmental Science
- Intro to Animal Science
- Principles of Biomedical Science

* Courses are no longer offered at MSHS
Science Pathways for Class of 2022

- **3 Science Credit Required for Graduation**
- **3-4 Recommended Science Credits for Competitive College Admissions**

### Physical Science

### Biology

- **Chemistry or Chemistry for Science Majors**
- **Physics or AP Physics (3 options below)**
- **Science Elective (see options below)**

### Honors Inquiry Biology *

### Chemistry

### Chemistry for Science Majors

### AP Physics (3 options below)

### Science Elective (see options below)

### Science Elective Options
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 1
- AP Physics C: Electricity & Magnetism
- AP Physics C: Mechanics
- AP Chemistry
- AP Chemistry for Science Majors
- Marine Biology: Oceanography
- Meteorology & Astronomy / UW Astronomy
- Physics

### CTE Course Options for Science Elective

- Anatomy / Physiology
- Environmental Horticulture
- Environmental Science
- Intro to Animal Science
- Principles of Biomedical Science

*Course is no longer offered at MSHS*
AP BIOLOGY *

Length / Credit: 1 Year / 1 credit
Grade Level: 10, 11, 12
Graduation Requirement: Algebra-based lab science or Elective

HOMEWORK: 5-8 hours/week
PREREQUISITE: Successful completion of Integrated Inquiry Science, Level II or Honors Biology. Chemistry is highly recommended (previous year or taken concurrently with AP Biology). Reading intensive. Honors/AP courses are rigorous, 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 two main goals of this course are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process and as a means for addressing social and environmental concerns. Life will be explored at the molecular, cellular, organismal, population and ecological levels. Emphasis will be placed on understanding key biological processes such as cellular energetics, heredity and evolution. This course is set up to help prepare students for the AP Biology Exam.

SKILLS DEVELOPED: Reading comprehensively, scientific writing, and analytical problem-solving. This course is lab intensive and will acquaint students with laboratory techniques.

COST: $20 plus any field trip costs; AP exam fee TBD (AP exam is optional)

* Indicates opportunity to earn college credit through College in the High School. See page 6 for further information.

SUMMER HOMEWORK: Click HERE

AP ENVIRONMENTAL SCIENCE

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

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 in order to pass 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.

COST: $20 plus any field trip costs; AP exam fee TBD (AP exam is optional)

AP CHEMISTRY

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Algebra-based lab science or Elective

HOMEWORK: Up to 60 mins / day
PREREQUISITE: Successful completion of chemistry with a B or better is highly recommended. Students should be enrolled in or have successfully taken 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: AP Chemistry is designed to be the equivalent of a first-year general chemistry course in college. Some colleges allow scores in AP Chemistry to fulfill their laboratory-science requirement, or enable students to take 2nd year work in chemistry (or courses requiring chemistry) as an incoming freshman. A special emphasis will be placed on the seven science practices outlined by the College Board, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. AP Chemistry is open to students that have completed a year of chemistry who wish to take part in an academically challenging and rewarding course.

SKILLS DEVELOPED: Reading comprehension, scientific writing, and analytical problem-solving. This course is lab intensive and will acquaint students with laboratory techniques.

COST: $20 plus $10 webassign fee (online homework); AP exam test fee TBD (AP exam is optional)

Students will be held monetarily accountable for any breakage of laboratory equipment.

SUMMER HOMEWORK: Click HERE

AP PHYSICS 1

Length / Credit: 1 Year / 1.0 Credit
Grade Level: 10, 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 and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

**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. **COST:** $20 plus any field trip costs; AP exam fee TBD (AP exam is optional)

**AP PHYSICS C: ELECTRICITY & MAGNETISM**

| Length / Credit: | 1 Year / 1 Credit |
| Grade Level: | 10, 11, 12 |
| Graduation Requirement: | Algebra-based lab science or Elective |

**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. **COST:** $20 plus any field trip costs; AP exam fee TBD

**AP PHYSICS C: MECHANICS**

| Length / Credit: | 1 Year / 1 Credit |
| Grade Level: | 10, 11, 12 |
| Graduation Requirement: | Algebra-based lab Science or Elective |

**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 and may require summer homework. Please refer to the Dual Credit chapter for additional information about AP & Honors courses.

**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 and geometry, and current registration in Pre-Calculus are highly recommended. Calculus concepts will be taught within the context of the course. Students are expected to take the Advanced Placement exam. **COST:** $20 plus any field trip costs; AP exam fee TBD (AP exam is optional)

**BIOLOGY with EARTH SYSTEMS**

| Length / Credit: | 1 Year / 1 Credit |
| Grade Level: | 9, 10 |
| 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.
COST: $10
*Honors Designation may be earned.

CHEMISTRY
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: The successful student would have strong algebra skills and be able to demonstrate critical thinking and scientific writing. 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.
COST: $20

MARINE SCIENCE: OCEANOGRAPHY
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Algebra-Based Lab Science or Elective

HOMEWORK: 20 mins / day
PREREQUISITE: The successful student would have skills equivalent to passing Algebra 1.
PURPOSE: This course will be an introduction into two major aspects of the scientific study of the World’s oceans. It will cover physical oceanography and marine biology as well as providing an overview into the role of the World’s oceans in human activities, how human activities impact the World’s oceans and marine resources. Some emphasis will be on examining local interactions between the Puget Sound and the greater Pacific Ocean with some field opportunities planned throughout the course. The course will also explore career opportunities in the field of Marine Science.
COST: $20

METEREOLOGY & UW ASTRONOMY 101*
Length/Credit: 1 year / 1 credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Algebra-based lab science or Elective

HOMEWORK: 3-5 hours / week; significant amount of work can be completed in class
PREREQUISITE: Meteorology and Basic Astronomy: no prerequisite; UW Astronomy 101: UW requires prospective
students to have a solid B+ in all previous science coursework and a C- or better in Algebra.

**PURPOSE:** This year-long block course provides a detailed examination of these unique earth sciences to develop a comprehensive working knowledge of both fields. Meteorology, offered during the fall semester, the study of the earth’s atmosphere provides us with naturally occurring events in a state of constant change, many as challenges in the form of natural disasters created by weather. This course gives students a basic understanding of the processes that create weather and move systems, small to large scale, across the surface of the Earth. With this knowledge of the workings of the atmosphere, you can better understand daily forecasts and begin to make predictions on your own.

In the combined UW Astronomy 101/Astronomy spring 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 ways 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. The UW Astronomy 101 option offers students the unique opportunity to earn college credit in a specialized earth science course: 0.5 MSHS credit and 5 college quarter credits. Students will learn rigorous university-level content while satisfying a college QSR requirement on a college transcript and gain access to UW library resources. This option is offered alongside the basic astronomy (non-UW credit) class.

**COST:** Meteorology & Astronomy: $10 per semester; UW Astronomy 101: $10 MSHS fee plus $370 course fee payable directly to UW (subject to change with UW fee increases). Note: UW costs include a $45 registration fee, for the issuance of a UW student ID number and a university transcript, and $325 in tuition fees. Tuition fees for this course option represent approximately one-sixth assessed for the identical course on the UW campus.

* Indicates opportunity to earn college credit through College in the High School. See page 6 for further information.

**PHYSICS**

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<thead>
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<tbody>
<tr>
<td>Grade Level:</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>Graduation Requirement:</td>
<td>Algebra-Based Lab Science or Elective</td>
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**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.

**COST:** $10
# Social Studies Courses

## Social Studies Pathways

- **3** Science Credit Required for Graduation
- **3-4** Recommended Science Credits for Competitive College Admissions

### 9th Grade Elective Options
*(not required but recommended for college-bound students):*

- Big History
- AP Human Geography

### 10th Grade Social Studies Options *(one required):*

- World History
- AP World History or CHS* History 110
- AP European History or CHS* History 105 & 106

### 11th Grade Social Studies Options *(one required):*

- US History
- AP US History or CHS* History 110

### 12th Grade Social Studies Options *(one required):*

- Civics or CHS* Poli Sci 100
- AP Government & Politics

### Social Studies Electives Options *(one required):*

<table>
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<tr>
<th>9th Grade Only</th>
<th>10-12th Grade</th>
<th>12th Grade Only</th>
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<tbody>
<tr>
<td>Big History</td>
<td>AP European History or CHS* History 105 &amp; 106</td>
<td>Current World Problems or CHS* Int’l Affairs</td>
</tr>
<tr>
<td>AP Human Geography</td>
<td>AP Government &amp; Politics</td>
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*CHS represents College in the High School courses. The above CHS social studies courses are offered for college credit through Eastern Washington University at MSHS.*
AP EUROPEAN HISTORY
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Social Studies or Elective
HOMEWORK: 30 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 study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.
SKILLS DEVELOPED: 1. An understanding of the principal themes in Modern European History. 2. An ability to analyze historical evidence and historical interpretation. 3. An ability to express historical understanding in writing. 4. Locate, gather, and organize information for research projects. 5. Communication and debate skills; constructing an argument using historical evidence. 6. Exam preparation.
COST: AP exam fee TBD (AP exam is optional)

AP GOVERNMENT AND POLITICS
Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Social Studies or Elective
(Satisfies senior Soc. Studies requirement)
HOMEWORK: 60 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 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.
SKILLS DEVELOPED: 1. Communication and Debate Skills. 2. Read social studies materials with comprehension. 3. An understanding of the key concepts and current events relevant to the US and six world governments. 4. Contribute to group tasks and class discussion. 5. Prepare for exams.
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: 45 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 purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.
COST: AP exam fee TBD (AP exam is optional)

AP U. S. HISTORY
Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Social Studies or Elective
HOMEWORK: 45 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 Advanced Placement course in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students
should learn to assess historical materials — their relevance to a given interpretive problem, their reliability, and their importance — and to weigh the evidence and interpretations presented in historical scholarship. Upon completion of the course students may elect to take the AP Examination for college credit.

**SKILLS DEVELOPED:** 1. Read social studies materials with comprehension. 2. Take class notes of lectures. 3. Locate, gather and organize information for a research project. 4. Contribute to group tasks and class discussion. 5. Prepare for exams.

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

**AP WORLD HISTORY: MODERN**

**Length / Credit:** 1 Year / 1 Credit  
**Grade Level:** 10, 11, 12  
**Graduation Requirement:** Social Studies or Elective  
**HOMEWORK:** 45 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 Advanced Placement course in World History, from 8000 BC to the present. Its purpose is to develop an understanding of the evolution of global processes and contacts in different human societies through a combination of factual knowledge and analytical skills. This course is equivalent to an introductory survey course in college. Students will learn to analyze events and documents and to write historically. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials — their relevance to a given interpretive problem, their reliability, and their importance — and to weigh the evidence and interpretations presented in historical scholarship. Upon completion of the course students may elect to take the Advanced Placement Examination for possible college credit.

**SKILLS DEVELOPED:** 1. Read Social Studies materials with comprehension. 2. Take class notes of lectures. 3. Locate, gather and organize information for a research project. 4. Contribute to group tasks and class discussion. 5. Prepare for exams.

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

**BIG HISTORY**

**Length / Credit:** 1 Year / 1 Credit  
**Grade Level:** 9  
**Graduation Requirement:** Social Studies or Elective  
**HOMEWORK:** 20 mins / day  

**PURPOSE:** Big history links different areas of knowledge into one unified story. It’s a framework for learning about anything and everything. This unified story provides students with a deeper awareness of our past, hopefully better preparing them to help shape the future. Students will by the end of the course be able to tell a narrative about the past based on turning points called ‘thresholds’. This course is built around Project Based and Student Centered learning models. This history course teaches the six historical thinking skills and provides a strong foundation for future success in Social Studies. Students will learn how to write and read like a historian. They will also learn interdisciplinary approaches to studying the past and by the end of the course will have been introduced to everything from Paleontology to Cosmology to Philosophy.

Course goals include:

- Create, defend and evaluate a narrative of change over time and space
- Evaluate how historical and scientific discoveries have changed our understanding
- Deepen understanding of key historical and scientific concepts
- Locate our place in the BH narrative; use thresholds to frame past, present, and future
- Compare interdisciplinary approach of big history to other approaches
- Use various disciplines to analyze, discuss and justify claims
- Conduct investigations by framing problem, researching, evaluating evidence, constructing explanations and arguments
- Critically read, synthesize and analyze primary and secondary texts

**CIVICS**

**Length / Credit:** 1 Semester / 0.5Credit  
**Grade Level:** 12  
**Graduation Requirement:** Social Studies or Elective  
Satisfies Senior Soc. Studies 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.

**CONTEMPORARY WORLD PROBLEMS**

**Length / Credit:** 1 Semester / 0.5Credit  
**Grade Level:** 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. Students will also 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.

SKILLS DEVELOPED: 1. Recognize the challenges that face us in the world. 2. Define a problem for study. 3. Locate, gather, and organize information. 4. Analyze, interpret and evaluate information. 5. Summarize and draw conclusions. 6. Use listening skills. 7. Read social studies material with comprehension. 8. Contribute productivity to group tasks and discussions. 9. Demonstrate library research skills.

COST: $10

The senior Culminating Project is a graded assignment in this course. Failure to pass the culminating project will result in a F grade posted to the transcript.

U.S. HISTORY
Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Social Studies 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 in depth 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.

SKILLS DEVELOPED: 1. Read social studies materials with comprehension. 2. Take class notes of lectures. 3. Locate, gather and organize information for a research project. 4. Contribute to group tasks and class discussion. 5. Prepare for exams.

WORLD HISTORY
Length / Credit: 1 Year / 1 Credit
Grade Level: 10
Graduation Requirement: Social Studies or Elective
HOMEWORK: 1–2 hours/week
PURPOSE: World History is a yearlong class required for graduation from Mount Si High School. Semester one will cover the period from 1450, and will include the Renaissance and Reformation, Global Expansion and Encounter, the Columbian Exchange, Age of Revolutions, Industrialization, Imperialism and reactions to it, and the causes of the First World War. The second semester will cover Contemporary World History and include key themes like Global Conflict, Decolonization and Globalization. The second semester will focus on Contemporary World Problems. These problems will be placed in their historical context. Required skills: Reading informational text, analytical and descriptive social studies writing, presentations, group and individual, and those necessary to complete required Classroom Based Assessment.

Note: May be taken either Freshman or Sophomore Year.

SKILLS DEVELOPED: Students will gain an understanding of the principal themes of Modern World History from 1450 to the present. They will also be able to understand current world problems in their historical context and practice the following skills:
1. Analyzing historical evidence and interpretation.
2. Analyzing historical understanding in writing.
3. Constructing an argument using historical evidence.
4. Contributing to group tasks and discussions.
5. Comprehending a variety of social studies materials.
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.

**CAREER READINESS**

Length / Credit: 1 Year / 1.0 Credit  
Grade Level: 12 or by IEP team recommendation  
Graduation Requirement: Elective  
HOMEWORK: 15 mins / day  
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only  
PURPOSE: This class provides instruction on skills for successful transition to post-secondary education and employment. Students will explore various careers, learn to search for jobs and determine qualifications/requirements, application process. Students will learn to access resources within the community to support employment and independent living, including DVR, King County Metro, etc.  
LOCATED ON MAIN CAMPUS  
*May repeat class.*

**ENGLISH I**

Length / Credit: 1 Year / 1 credit  
Grade Level: 9, 10, 11, 12  
Graduation Requirement: Language Arts or Elective  
HOMEWORK: 15 mins / day  
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only  
PURPOSE: This course is designed to provide instruction on reinforcing basic writing skills (sentence structure, conventions, word processing) and applying writing skills to various functional contexts. Students will learn to communicate effectively verbally and in writing for everyday needs and functions.  
Topics may include (but not limited to):  
- Basic expository and narrative writing  
- Job applications, resumes, cover letters  
- Business letters; emails  
- Social/friendly letters/emails/notes  
- How to make requests, complaints, compliments, simple proposals  
- Verbal interview techniques; presentation skills  
- Word processing and Email technology skills  
*May repeat class.*

**ENGLISH II**

Length / Credit: 1 Year / 1 Credit  
Grade Level: 9, 10, 11, 12  
Graduation Requirement: Language Arts or Elective  
HOMEWORK: 15 mins / day  
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only  
PURPOSE: This course will focus on improving reading and writing skills through direct instruction.  
SKILLS DEVELOPED: Students will be taught to apply the reading process to a wide variety of materials, with a focus on students developing thought processes and strategies to become independent readers and learners. The course will also expand the students’ writing abilities and strengthen critical thinking skills. Grammar and mechanics will be taught as essential elements of writing as a process. Literature will be used to generate and model writing and critical thinking skills. This course will accommodate the developmental, academic, and social levels of students with special learning needs.  
*May repeat class.*

**ENGLISH III**

Length / Credit: 1 Year / 1 Credit  
Grade Level: 9, 10, 11, 12  
Graduation Requirement: Language Arts or Elective  
HOMEWORK: 15 mins / day  
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only  
PURPOSE: This course will focus on improving reading and writing skills through direct instruction.  
SKILLS DEVELOPED: Students will be taught to apply the reading process to a wide variety of materials, with a focus on students developing thought processes and strategies to become independent readers and learners. The course will also expand the students’ writing abilities and strengthen critical thinking skills. Grammar and mechanics will be taught as essential elements of writing as a process. Literature will be used to generate and model writing and critical thinking skills. This course will accommodate the developmental, academic, and social levels of students with special learning needs. This course will also focus on state assessments.  
*May repeat class.*
ENGLISH IV
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Language Arts or Elective
HOMEWORK: 15 mins / day
PREREQUISITE: Placement by Special Education Teacher / IEP
Team recommendation only
PURPOSE: This course is designed to provide direct instruction in social/behavioral and communication goal areas as related to their Individual Education Plans.
SKILLS DEVELOPED: Students are provided 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.

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 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 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 II
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
PURPOSE: This course is designed to provide direct instruction in social/behavioral and communication goal areas as related to their Individual Education Plans.
SKILLS DEVELOPED: Students are provided 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.

HEALTH FOR LIFE
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Health, P. E., Elective
HOMEWORK: 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 to 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.
LOCATED ON MAIN CAMPUS
May repeat class.

LIFE SKILLS
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Elective
HOMEWORK: None
PREREQUISITE: Placement by Special Education Teacher / IEP
Team recommendation only
PURPOSE: The Life Skills curriculum is specifically designed to meet the needs of students with a variety of developmental disabilities. Students work on a variety of functional academics in the areas of reading, writing, and math; such as budgeting, reading menus, accessing technology, etc. The skills targeted in this curriculum have been chosen for the explicit purpose of enabling and improving the student’s access to the community, resulting in an increase in each student’s level of independence.
LOCATED ON MAIN CAMPUS
May repeat class.
MATH I
Length / Credit: 1 Year / 1 credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Math or Elective
HOMEWORK: 15 min / night
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only
PURPOSE: This course is designed to provide instruction on basic consumer mathematics concepts that promote independent living. Students will learn terminology related to personal finance and practice applying math calculation skills to real-life problems. Students will continue to work on basic math calculation and reasoning, along with learning to effectively use tools for measurement and calculation. Topics may include (but not limited to): Use of calculator; reinforcing basic computation; money management; banking; budgeting; taxes; income; calculating costs, tax; using credit cards, paying bills, etc.
May repeat class.

MATH II
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Math or Elective
HOMEWORK: 15 min / night
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only
PURPOSE: Students will understand and apply concepts and procedures of mathematics through incremental development and continual review.
SKILLS DEVELOPED: Reinforce basic skills in addition, subtraction, multiplication, and division of whole numbers, work with fractions, decimals, averages, standard and expanded notation, time lapse, sequencing, beginning Geometry and Pre-Algebra. This course will accommodate the developmental, academic, and social levels of students with special learning needs.
May repeat class.

MATH III
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Math or Elective
HOMEWORK: 15 min/night
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only
PURPOSE: This class is for students who are getting close to grade-level skills but need more support or exposure with general education curriculum. Their math levels may be approximately in the 7-9th grade range.
SKILLS DEVELOPED: Students have foundational/basic math skills, but need specialized instruction in more complex concepts related to algebra.
May repeat class.

MATH IV
Length / Credit: 1 Year/1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: Math or Elective
HOMEWORK: 15 min/night
PREREQUISITE: Placement by Special Education Teacher / IEP Team recommendation only
PURPOSE: Resource Room using Big Ideas Math curriculum for Common Core Algebra. This is the same curriculum used in general education Algebra class, but instruction may be delivered at a modified pace, smaller environment, and additional supplemental materials used to support student needs.
SKILLS DEVELOPED: The intent of the class is to provide instruction aligned with general education classes. Successful completion may prepare students to take a General Education Algebra class, or General Education Geometry course. Students may also repeat this course as needed in order to complete the text, or because they are not ready for general education class environment and pacing.
May repeat class.

SOCIAL HEALTH
Length / Credit: 1 Year / 1 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.
LOCATED ON MAIN CAMPUS
May repeat class.
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 III or greater), we recommend they do so in consecutive years.

MSHS offers World Languages through the Mount Si High School Online Program. However, continuing the sequence in a MSHS 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.

AMERICAN SIGN LANGUAGE I
Length / Credit: 1 Year / 1 Credit
Grade Level: 9, 10, 11, 12
Graduation Requirement: World Language, Occ. Ed, Elective
HOMEWORK: 10-20 mins / day
PURPOSE: This course is an introduction to American Sign Language (ASL) and the community of people who use it. As a second language, ASL I covers fundamental issues of visual communication and grammar. Above all, it is a class that requires your attendance, involvement, and practice. Success in this class will bring you valuable skills which will allow you to interact with another culture, by introducing you to a unique, diverse, rich culture that coexists throughout North America, namely the Deaf community. This will enable you to broaden your understanding of deaf culture, communication, and language. Two years of American Sign Language satisfies the World Language required for many colleges and universities.

AMERICAN SIGN LANGUAGE II
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: World Language, Occ. Ed, Elective
PREREQUISITE: American Sign Language I and teacher permission based on successful completion of previous level
HOMEWORK: 10-20 mins / day
PURPOSE: American Sign Language II is the continuation of ASL I with greater emphasis on grammar and a concentrated effort to develop the students' expressive and receptive skills. Students will continue their study of appropriate language, grammar, cultural behaviors, and social relations. Deaf culture will be a key component of study in American Sign Language II. Two years of American Sign Language satisfies the World language entrance requirement for many colleges and universities.

AMERICAN SIGN LANGUAGE III
Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: World Language, Occ. Ed, Elective
PREREQUISITE: American Sign Language I & II and teacher permission based on successful completion of the previous level
HOMEWORK: 10-20 mins / day
PURPOSE: American Sign Language III is the continuation of ASL II with greater emphasis on grammar and a concentrated effort to develop the students' expressive and receptive skills. Students will continue their study of appropriate language, grammar, cultural behaviors, and social relations. Deaf culture will be a key component of study in American Sign Language III. Two years of American Sign Language satisfies the World Language entrance requirement for many colleges and universities.

FRENCH I
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 of the basic language skills:
listening, speaking, reading, and writing. Students learn the culture through the 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 II**

**LENGTH / CREDIT:** 1 Year / 1 Credit  
**GRADE LEVEL:** 10, 11, 12  
**GRADUATION REQUIREMENT:** World Language, Elective  
**PREREQUISITE:** French I 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 I 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 III**

**LENGTH / CREDIT:** 1 Year / 1 Credit  
**GRADE LEVEL:** 11, 12  
**GRADUATION REQUIREMENT:** World Language, Elective  
**PREREQUISITE:** French II 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 in an effort 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.

* Indicates opportunity to earn college credit through College in the High School. See page 7 for further information.

French III & IV may be taught in the same classroom but as separate courses.

**FRENCH IV**

**LENGTH / CREDIT:** 1 Year / 1 Credit  
**GRADE LEVEL:** 12  
**GRADUATION REQUIREMENT:** World Language, Elective  
**PREREQUISITE:** French III 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.

**GERMAN I**

**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 the culture through the 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 II**

**LENGTH / CREDIT:** 1 Year / 1 Credit  
**GRADE LEVEL:** 10, 11, 12  
**GRADUATION REQUIREMENT:** World Language, Elective  
**PREREQUISITE:** German I 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 III
Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: World Language, Elective
PREREQUISITE: German II 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 University of Washington for this course.

PURPOSE: To enhance comprehension and to continue acquiring oral and written proficiency through the use of more advanced materials.

SKILLS DEVELOPED: Reading, writing and conversational (oral) competencies will be developed.

* German III and German IV may be taught as a combined class, alternating material, in order not to duplicate covered material.

GERMAN IV
Length / Credit: 1 Year / 1 Credit
Grade Level: 12
Graduation Requirement: World Language, Elective
PREREQUISITE: German III 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 through the use of 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 quality for A.P. credit.

COST: AP exam fee TBD (AP exam is optional).
This course may be taught as independent study.

SPANISH I
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. Particular emphasis will be placed on listening skills.

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

PREREQUISITE: Spanish I 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 in order 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. Particular emphasis will be placed on speaking skills.
SPANISH III *
Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: World Language, Elective
PREREQUISITE: Spanish II 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.

AP SPANISH LANGUAGE AND CULTURE
Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: World Language, Elective
PREREQUISITE: Spanish III 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: 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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