

Mount Si High School

2024-25 Course Catalog



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School Directory



Mount Si High School

8651 SE Meadowbrook Way, Snoqualmie, WA 98065

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

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

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

Main Office & Attendance

Deb Hay, Principal	831-8100
Vernie Newell, Associate Principal (last names A-G)	831-8100
Jessica Easthope, Assistant Principal (last names H-M)	831-8100
Krista Lallemand, Assistant Principal (last names N-Z)	831-8100
Katie Redman, Assistant Principal	831-8100
Jordan Sauvage, Athletic Director	831-8100
Tanya Alter, Office Manager/Admin Assistant	831-0210
Bronwyn McDaniels, Attendance Admin Assistant	831-8200
Jeannette Meek, Main Office Admin Assistant	831-8100
Tamara Frederick, Athletic Admin Assistant	831-0207
Brittany Cloutier, CTE Admin Assistant	831-0273
Libby Phillips, Financial Admin Assistant	831-0226
Keri Wheeler, Financial Admin Assistant	831-0225
Amy McCrery, Nurse Main Office	831-0243
Nurse 4000 building	831-0224

Counseling Center

Amy Bush, Counseling Admin Assistant	831-8150
Stacey Zachau, Career & College Counselor	
Running Start counselor (fulltime RS students)	
Julie Silverman, Career & College/Admin Assistant	831-0232
Richard Dempsey, Counselor - students last name A-Che	831-8150
Christian McKone, Counselor - students last name Chi-Gi	831-8150
Steven Crane, counselor - students last name Gm-Ko	831-8150
Carissa Thomas, Counselor - students last name Kp-Od	831-8150
Elaine Maimon, Counselor - students last name Oe-Si	831-8150
Sloan Westerman, Counselor - students last name Sj-Z	831-8150
Michelle Larson, Registrar – Student Withdraws	831-0228
Amy Pangborn, Registrar – New Enrollments	831-0227

Graduation Requirements

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

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

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

Additional Graduation Requirements

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

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](#).

Alternate Options to State Testing requirement in ELA and Math

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

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

Personalized Pathway Plans (Fine Arts or World Language waiver)

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

PE Waivers

Some students may be eligible for a .5 PE waiver or credit. Detailed PE waiver eligibility and criteria are available on the MSHS Counseling Center website. Eligible students may apply for a PE waiver or credit during or after the student's Junior year.

Policies & Procedures

Grading

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

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

Cumulative Grade Point Averages

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

Student Rank

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

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 enroll in a LA 9 Honors course.
- Language Arts 10 Honors (grade 10) – Students may enroll in a course LA 10 Honors.
- Biology w/Earth Systems – Students may work towards an honors designation in a regular Biology class.
- Chemistry – Students may work towards an honors designation in a regular Chemistry class.

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

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](#).

High School Credit Earned Prior to 9th Grade

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

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

*The form necessary to make either of the above referenced changes can be found on the Counseling home page: [MSHS.svsd410.org](https://mshs.svsd410.org) > Academics > Counseling Center > Forms

Please reach out to your counselor for more information.

Credits from other schools or programs

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

Credit Recovery or Enhancement via MSHS Online Learning Program

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

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

Full-Time Schedule Requirements

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

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

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

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

Schedule Correction Process

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

Changes to student schedules create an impact on many other courses, and therefore will only be made on a limited basis.

Therefore, the Administration has established the following schedule correction process to promote academic success for students.

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

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

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

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

Withdrawing from School

The student's parent or guardian should call the Counseling Center and speak with a registrar when withdrawing a student. Withdraws without confirmation of enrollment in a new school require a written letter or email before the student is withdrawn. The letter should contain the last date the student will be on campus and the name and address of the new school. Students withdrawing before the end of a semester will receive a "W" in place of any grades. Withdraw percentages will be collected and sent to the new school upon request.

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

Dual Credit Programs

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

Advanced Placement (AP)

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

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

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

College in the High School (CHS)

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

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

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

CHS COURSES (LISTED WITH COLLEGE COURSE TITLE)	College Issuing Credit	MSSH Course Length	College Credits Possible
ASTR 150A&101/Astronomy & Meteor	UW	Year	10
BIOL& 160/AP Biology	BC	Year	6
ENGL& 101&244/ AP English Lang	BC	Year	10
ENGL& 111&247/ AP English Lit	BC	Year	10
ENVS&100/AP Environmental Science	BC	Year	5
FRCH& 123/French 3	BC	Year	5
GERMAN 103A/German 3	UW	Year	5
HIST 102 & 103/World History	EWU	Year	10
HIST 105 & 106/AP European History	EWU	Year	10
HIST 111 & 112/AP US History	EWU	Year	10
INST 200/Contemp World Problems	EWU	Sem	4
MATH 130/AP Statistics	BC	Year	5
MATH& 141 & 142/AP Precalculus	BC	Year	10
MATH& 151/AP Calculus AB	BC	Year	5
MATH& 152/AP Calculus BC	BC	Year	5
PHYS 111 & 112/AP Physics 1	CWU	Year	10
PHYS 113/AP Physics C E&M	CWU	Year	5
POLI 100/Civics	EWU	Sem	5
POLI 100 & 203/AP Government	EWU	Year	10
PSYC&100/AP Psychology	EWU	Year	5
SPAN& 123/Spanish 3	BC	Year	5
SPAN& 221/Spanish 4	BC	Year	5

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 SERS: www.ctesers.org
- **Pay** a \$50 fee through Pacific NW College Credit via: forms.bellevuecollege.edu/pci/other/pnwcc/
- Complete course with a grade of 'B' or better.
- Meet all course competencies.

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

Arts & Communication

Mt Si Course Name	Course Length	College Issuing Credit	Credits Earned
Digital Media Arts Academy, Intro	Sem.	LWIT	2
Digital Media Arts Academy (Animation & Game)	Year	BC	5
Digital Media Arts Academy (Filmmaking)	Year	BC	5
Digital Media Arts Academy (Graphic Design)	Year	BC / LWIT	5/4
Photography 1	Sem.	LWIT	4
TV Production	Year	BC	5
Yearbook/Publishing	Year	BC	5

Science & Natural Resources

Mt Si Course Name	Course Length	College Issuing Credit	Credits Earned
Ornamental Horticulture 1	Year	LWIT	4
Ornamental Horticulture 2	Year	LWIT	4
Ornamental Horticulture 3	Year	LWIT	4
Environmental Science	Year	LWIT	4

Business & Industry

Mt Si Course Name	MSHS course length	College Issuing Credit	Credits Earned
Applied Algebra 2	Year	Renton Tech	5
Financial Algebra	Year	Renton Tech	5
Personal Finance	Sem.	BC	4
Social Media Marketing	Sem	BC	5
Sports Marketing	Sem.	BC	2
Principles of Marketing	Sem.	BC	5
Advanced Marketing	Year	BC	7

Engineering & Technology

Mt Si Course Name	Course Length	College Issuing Credit	Credits Earned
AP Computer Science A	Year	BC	5
Intro to Computer Science	Sem.	BC	5
Intro Engineering Design	Year	LWIT	3
Welding/Metals & Mfg. 1 & 2	Year	LWIT	15

Health & Human Services

Mt Si Course Name	Course Length	College Issuing Credit	Credits Earned
American Law	Sem.	BC	5
American Sign Language 1	Year	LWIT	5
American Sign Language 2	Year	LWIT	5
Human Body Systems	Year	BC	5
Criminal Justice	Sem.	BC	5
Baking & Pastry	Year	LWIT	10
Culinary Arts	Year	LWIT	10
Forensic Science	Year	BC	5
Sports Medicine 1	Year	BC / LWIT	4/3
Sports Medicine 2	Year	LWIT	3

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.

COURSE	CTE	FINE ARTS	MATH	SCIENCE	SOC STUDIES	WORLD LANG
AMERICAN LAW	●				●	
AMERICAN SIGN LANGUAGE 1 & 2	●					●
ANATOMY & PHYSIOLOGY 1 & 2	●			●		
ANIMAL SCIENCE 1 & 2 & ADVANCED	●			●		
AP COMPUTER SCIENCE	●		●			
AP COMPUTER SCIENCE PRINCIPLES	●		●			
AP STUDIO ART: 3-D DESIGN	●	●				
APPLIED ALGEBRA 2	●		●			
BAKING & PASTRY 1 & 2	●	●				
CERAMICS, BEGINNING	●	●				
CONSTRUCTION TRADES	●	●				
CRIMINAL JUSTICE	●				●	
DIGITAL MEDIA ARTS ACADEMY	●	●				
ECONOMICS	●				●	
ENGINEERING ESSENTIALS 1 & 2	●	●				
ENGINEERING DESIGN, INTRO TO	●	●				
ENVIRONMENTAL SCIENCE	●			●		
FINANCIAL ALGEBRA	●			●		
FORENSIC SCIENCE	●			●		
HUMAN BODY SYSTEMS	●			●		
INTRO TO ANIMAL SCIENCE	●			●		
INTRO TO DIGITAL MEDIA ARTS ACADEMY	●	●				
MEDICAL INTERVENTIONS	●			●		
MUSIC TECHNOLOGY	●	●				
ORNAMENTAL HORTICULTURE 1, 2, & 3	●			●		
PHOTOGRAPHY 1, 2, 3, and 4	●	●				
POTTERY 1 & 2	●	●				
PRINCIPLES OF BIOMEDICAL SCIENCE	●			●		
PSYCHOLOGY, OR AP PSYCHOLOGY	●				●	
SCULPTURE 1 & 2	●	●				
TELEVISION BROADCASTING	●	●				
THEATRE TECH	●	●				
WELDING, CORE PLUS MARITIME (ADVANCED)	●	●				
WELDING/METALS & MANUF. TEC. 1 & 2	●	●				
WOODWORKING/TRADES 1 & 2	●	●				

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

Examples: University of Washington requires one-half credit from art appreciation, band, ceramics, choir, dance, dramatic performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, Sculpture. University of California schools require one full credit course of visual and performing arts from the following course types: dance, drama/theater, music, or visual arts.

WANIC - Washington 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 [WANIC Course Catalog](#) class descriptions and see your MSHS counselor with any questions.

Informational Flier: [WANIC Flier](#)

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 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 our Running Start counselor for more information (425-831-8150).

Fees

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

COURSE	FEE
<u>CTE</u>	
Culinary Arts	\$15 Basic chef coat (<i>optional</i>)
Marketing, Advanced	Fees for activities assessed as they occur
Photography (all levels)	Possible printing costs
<u>MUSIC</u>	
Band or Choir	\$35 Jacket fee new or replacement
<u>OTHER COURSE FEES</u>	
Online Grade Enhancement	\$400 per course
Online Credit Recovery	\$375 per course
Online Reactivation	\$40
PE Classes	Fine issued if supplied lock is lost
Summer School Enhancement	\$350 per course
Summer School Recovery	\$300 per course
Traffic Safety Education (drivers ed)	\$480 (<i>subject to change</i>)

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

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

ALL FEES/COSTS SUBJECT TO CHANGE

UPDATED:10/16/2023

Summary Course List

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

9	10	11	12	Course Name	Length	Prerequisite	College Credit	Elective	Fine Art	Health	Language Arts	Math	Occ Ed	PE	Science	Soc. St.	World Lang.	NCAA
			✓	AP SPANISH	Y	◆	●	●									●	●
	✓	✓	✓	AP STATISTICS/CHS	Y	◆	●	●				●						●
		✓	✓	AP STUDIO ART: 2-D DESIGN	Y	◆	●	●	●									
		✓	✓	AP STUDIO ART: DRAWING	Y	◆	●	●	●									
		✓	✓	AP STUDIO ART: 3-D DESIGN	Y	◆	●	●	●				●					
		✓		AP U. S. HISTORY/CHS	Y		●	●								●		●
	✓			AP WORLD HISTORY	Y		●	●								●		●
		✓	✓	APPLIED OFFICE ASSISTANT	S	◆		●					●					
	✓	✓	✓	APPLIED ALGEBRA 2	Y	◆	●	●				●	●					●
✓	✓	✓	✓	ART, BEGINNING	S			●	●									
	✓	✓	✓	ASB	Y	◆		●					●					
	✓	✓	✓	ASTRONOMY/UW ASTRONOMY 101&150	Y	◆	●	●							●			
✓	✓	✓	✓	AVID 9-12	Y	◆		●					●					
	✓	✓	✓	BAKING AND PASTRY 1	Y	◆	●	●	●				●					
		✓	✓	BAKING AND PASTRY 2	Y	◆		●	●				●					
	✓	✓	✓	BELLA VOCE CHOIR	Y	◆		●	●									
	✓	✓	✓	BEL CANTO CHOIR	Y	◆		●	●									
✓				BIG HISTORY	Y			●								●		●
✓				BIOLOGY w/EARTH SYSTEMS	Y			●							●			●
		✓	✓	BRIDGE TO COLLEGE/ENGLISH	Y			●			●							●
		✓	✓	CALCULUS	Y	◆		●				●						●
	✓	✓	✓	CAMERATA CHOIR	Y	◆		●	●									
✓	✓	✓	✓	CERAMICS, BEGINNING	S			●	●				●					
	✓	✓	✓	CHEMISTRY	Y	◆		●							●			
			✓	CIVICS/CHS	S		●	●								●		
		✓	✓	COMPUTER & VIDEO GAME DEVELOPMENT	S			●					●					
✓	✓	✓	✓	COMPUTER SCIENCE, INTRO	S		●	●					●					
✓				CONCERT BAND	Y	◆		●	●									
✓				CONCERT CHOIR	Y			●	●									
	✓	✓	✓	CONTEMP WORLD PROBLEMS/CHS	S		●	●								●		●

9	10	11	12	Course Name	Length	Prerequisite	College Credit	Elective	Fine Art	Health	Language Arts	Math	Occ Ed	PE	Science	Soc. St.	World Lang.	NCAA
	✓	✓	✓	CONSTRUCTION TRADES	Y	◆		●	●				●					
✓	✓	✓	✓	CREATIVE COOKING	S			●					●					
✓	✓	✓	✓	CRIMINAL JUSTICE	S		●	●					●			●		●
	✓	✓	✓	CULINARY ARTS	Y	◆	●	●					●					
	✓	✓	✓	CYBERSECURITY	Y			●					●					
✓	✓	✓	✓	DIGITAL MEDIA ARTS ACADEMY, INTRO	S		●	●	●				●					
	✓	✓	✓	DIGITAL MEDIA ARTS ACADEMY	Y	◆	●	●	●				●					
✓	✓	✓	✓	DRAWING 1	S			●	●									
	✓	✓	✓	DRAWING 2	S	◆		●	●									
✓	✓	✓	✓	DRAMA/THEATRE 1	S			●	●									
✓	✓	✓	✓	DRAMA/THEATRE 2	S	◆		●	●									
	✓	✓	✓	ECONOMICS	S	◆		●					●			●		
✓	✓	✓	✓	ENGINEERING ESSENTIALS	Y	◆		●	●				●					
	✓	✓	✓	ENGINEERING DESIGN, INTRO TO	Y	◆	●	●	●				●					
✓	✓	✓	✓	ENGLISH LANGUAGE LEARNERS (ELL)	Y	◆		●										
✓	✓	✓	✓	ENRICHMENT 1	Y	◆		●										
✓	✓	✓	✓	ENRICHMENT 2	Y	◆		●										
✓	✓	✓	✓	ENVIRONMENTAL SCIENCE	Y		●	●					●		●			●
		✓	✓	FINANCIAL ALGEBRA	Y		●	●				●	●					
✓				FIT FOR LIFE	Y			●						●				
	✓	✓	✓	FORENSIC SCIENCE	Y		●	●					●		●			
✓	✓	✓	✓	FRENCH 1	Y			●									●	●
	✓	✓	✓	FRENCH 2	Y	◆		●									●	●
		✓	✓	FRENCH 3/FRNCH& 123	Y	◆	●	●									●	●
			✓	FRENCH 4	Y	◆		●									●	●
✓	✓	✓	✓	GEOMETRY	Y	◆		●				●						●
✓	✓	✓	✓	GERMAN 1	Y			●									●	●
	✓	✓	✓	GERMAN 2	Y	◆		●									●	●
		✓	✓	GERMAN 3/GERM103A	Y	◆	●	●									●	●
			✓	GERMAN 4	Y	◆		●									●	●

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

9	10	11	12	Course Name	Length	Prerequisite	College Credit	Elective	Fine Art	Health	Language Arts	Math	Occ Ed	PE	Science	Soc. St.	World Lang.	NCAA
✓	✓	✓	✓	PERCUSSION ENSEMBLE/DRUMLINE	Y	◆		●	●									
		✓	✓	PERSONAL FINANCE	S		●	●					●					
	✓	✓	✓	PERSONAL FITNESS	S			●						●				
✓	✓	✓	✓	PHOTOGRAPHY 1	S		●	●	●				●					
✓	✓	✓	✓	PHOTOGRAPHY 2	S	◆		●	●				●					
	✓	✓	✓	PHOTOGRAPHY 3 & 4	S	◆		●	●				●					
		✓	✓	PHYSICS	Y	◆		●							●			●
✓	✓	✓	✓	PIANO 1	S			●	●									
✓	✓	✓	✓	PIANO 2	S	◆		●	●									
✓	✓	✓	✓	POTTERY 1	S	◆		●	●				●					
	✓	✓	✓	POTTERY 2	S	◆		●	●				●					
	✓	✓	✓	PRE-CALCULUS	Y		●	●				●						●
	✓	✓	✓	PRODUCTION LAB	Y			●	●									
✓	✓	✓	✓	PRINCIPLES OF BIOMEDICAL SCIENCE	Y			●					●		●			
✓	✓	✓	✓	PRINTMAKING	S			●	●									
	✓	✓	✓	PSYCHOLOGY	S			●					●			●		●
✓	✓	✓	✓	ROBOTICS	Y	◆		●					●					
		✓	✓	SAE (Supervised Agricultural Experience)	S	◆		●					●		●			
✓	✓	✓	✓	SCULPTURE 1	S	◆		●	●				●					
	✓	✓	✓	SCULPTURE 2	S	◆		●	●				●					
✓	✓	✓	✓	SOCIAL HEALTH	Y			●										
✓	✓	✓	✓	SPANISH 1	Y			●									●	●
✓	✓	✓	✓	SPANISH 2	Y	◆		●									●	●
	✓	✓	✓	SPANISH 3/SPAN& 123	Y	◆	●	●									●	●
		✓	✓	SPANISH 4/SPAN& 221	Y	◆	●	●									●	●
✓	✓	✓	✓	SPANISH, HERITAGE	Y			●									●	
	✓	✓	✓	SPANISH, HERITAGE 2	Y			●									●	
	✓	✓	✓	SPORTS & CONDITIONING	S			●						●				
	✓	✓	✓	SPORTS MEDICINE 1	Y		●	●					●					
		✓	✓	SPORTS MEDICINE 2	Y	◆	●	●					●					

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

Career & Technical Ed. Courses

ADVANCED ANIMAL SCIENCE 1

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

Prerequisite: Successful completion of Animal Science 1 & 2

Homework: Minimal to 30 mins per week

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

ADVANCED ANIMAL SCIENCE 2

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

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

Homework: Minimal to 30 mins per week

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

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



AMERICAN LAW

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

Prerequisite: None

Homework: 30 mins / week

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

Skills Developed: Students will learn about the U.S. court system, constitutional freedoms, fair legal procedure, and types of crimes.

ANIMAL SCIENCE, INTRO TO

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

HOMEWORK: Minimal

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

SKILLS DEVELOPED: Students practice written and oral 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: [Intro to Animal Science](#)

ANIMAL SCIENCE 2

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

PREREQUISITE: Intro to Animal Science 1

HOMEWORK: Minimal

PURPOSE: This course provides students with a continuation of Intro to Animal Science and is designed for students who show an interest in animal science, animal behavior, animal classification, basic animal anatomy, reproduction, genetics, growth & development, nutrition, disease & parasites, production, management, and health care of domestic and exotic animals. Students will be involved with live animals to reinforce the topics learned in class.

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

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

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

AP COMPUTER SCIENCE A

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

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

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

HOMEWORK: 60 mins / day

PURPOSE: AP Computer Science A introduces students to the formal concepts of object-oriented computer programming, while also building a strong foundation of skills critical to success in the 21st Century workplace. Students will build software models, games, and other interactive programs that are relevant to science, art and engineering using the Java programming language. The course explores the following elements of software development: program design and implementation, algorithm analysis, and standard data structures. This is a year-long course designed to be comparable to a first-year college level computer programming class. No prior programming experience is

necessary; however, completion of Introduction to Computer Science and a strong math background or completion of AP Computer Science Principles will help assure success.

CLASS VIDEO: [AP Computer Science A](#)

COST: AP EXAM FEE (EXAM IS OPTIONAL)

AP COMPUTER SCIENCE PRINCIPLES (PLTW)

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

PREREQUISITES: Algebra 1

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

HOMEWORK: 60 mins / day

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

CLASS VIDEO: [AP COMP SCI PRINCIPLES](#) **COST:** AP EXAM FEE

AP PSYCHOLOGY/CHS

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

HOMEWORK: 45 - 75 mins / day

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

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

INFO FLYER: [AP PSYCHOLOGY OVERVIEW FLYER](#)

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

APPLIED ALGEBRA 2



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

PREREQUISITE: Successful completion of Algebra 1 and Geometry.

PURPOSE: Applied Algebra 2 focuses on the application of mathematics and statistics to the solution of functional problems in fields such as engineering and the applied sciences. The course includes practical application of mathematical concepts such as exponents and systems of equations and inequalities. Students will learn about functions, quadratic equations, conic sections, exponential and logarithmic functions, polynomials, rational functions, sequences and series, probability, and trigonometric functions and identities. *Indicates opportunity to earn college credit through CTE dual credit. See page 9 for further information.

BAKING AND PASTRY 1



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

Prerequisite: Successful completion of Creative Cooking

Homework: Minimal

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

BAKING AND PASTRY 2

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

Prerequisite: Successful completion of Baking & Pastry 1

Homework: Minimal

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

MAY REPEAT COURSE WITH INSTRUCTOR PERMISSION.

BEGINNING CERAMICS

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

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

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

COMPUTER & VIDEO GAME DEVELOPMENT**Length / Credit:** 1 Semester / 0.5 Credit**Grade Level:** 11, 12**Graduation Requirement:** Occ. Ed. or Elective**HOMEWORK:** 60 mins / week

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

**COMPUTER SCIENCE, INTRO TO****Length / Credit:** 1 Semester / 0.5 Credit**Grade Level:** 9, 10, 11, 12**Graduation Requirement:** Occ. Ed., Elective**HOMEWORK:** 60 mins / week

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

CLASS VIDEO: [INTRO COMP SCI](#)**CONSTRUCTION TRADES****Length / Credit:** 1 Year/Credit**Grade Level:** 10, 11, 12**Graduation Requirement:** Occ. Ed., Fine Arts* or Elective**HOMEWORK:** N/A**PREREQUISITE:** Woodworking 1

PURPOSE: This course is a blend of the traditional woodshop and construction trades. Students will plan and build a variety of projects, some required, and others selected or designed by the student. Through the construction of projects students will learn to operate a wide variety of woodworking machines as well as how to plan and bid jobs through estimating time and materials. Construction techniques and processes found in the building and cabinetry trades will be explored.

Students may use CNC equipment, software, and laser applications. Upon completion of this course, students will have a good foundation in safe equipment operation and construction practices. . *CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/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 May repeat class with instructor permission.

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, food equipment, food safety, food storage and purchasing. Also, a dive into ethnic cuisine including the unique foods and tools used.

Skills Developed: Students will have hands on experience with many types of diverse kitchen appliances and tools, demonstrate their cooking skills to others, develop knife skills, and prepare from-scratch meals.

**CRIMINAL JUSTICE****Length / Credit:** 1 Semester / 0.5 Credit**Grade Level:** 9, 10, 11, 12**Graduation Requirement:** Occ Ed/Soc Studies/Elective**HOMEWORK:** Minimal

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

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 take a fieldtrip to Monroe Prison or King County Superior Court.

**CULINARY ARTS****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 ethics and habits that will contribute to a successful career. Students will understand the basic

principles of daily business operations including ethical practices and product marketing. In addition, students will acquire an awareness of the laws, codes, regulations, and labor management practices that govern the hospitality industry. Skills will be taught in the use of tools/utensils, machines, and a diverse variety of processes to produce a product while providing a service. Students will develop teamwork skills while also learning how to accept responsibility while in a leadership role including how to overcome and recover for daily challenges. All while demonstrating the skills and attitude that contribute to a safe, positive, and productive working environment.

May repeat the course with instructor permission.

CYBERSECURITY

Length / Credit: 1 Year / 1.0 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ Ed., Elective

HOMEWORK: 1 Hour per Week

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

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

DIGITAL MEDIA ARTS ACADEMY, INTRO

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

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

HOMEWORK: Minimal

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

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

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



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

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

May repeat class for credit.

ECONOMICS

Length/Credit: Semester/.5 credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Soc Studies/Elect

Prerequisite: Geometry

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

ENGINEERING ESSENTIALS (PLTW)

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

PREREQUISITE: Algebra 1 is recommended

HOMEWORK: Minimal

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

**ENGINEERING DESIGN, INTRO**

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

PREREQUISITE: Successful completion of Engineering Essentials

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

ENVIRONMENTAL SCIENCE

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

HOMEWORK: Minimal

PURPOSE: This year long, dual credit course explores the many areas of environmental science and natural resources including land, forests, water, wildlife, and current issues. Students will work with the local Forest Service office to create projects that will benefit our area. 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: Projects developed through this course will be designed to further expand skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. *Note 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 counts as science or elective credits.*

**FINANCIAL ALGEBRA**

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

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





FORENSIC SCIENCE

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

HOMEWORK: Minimal

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

HEALTH

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

Homework: 1-2 hours week

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

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



HUMAN BODY SYSTEMS (PLTW)

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

PREREQUISITE: Principles of Biomedical Science

HOMEWORK: Minimal

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

Skills developed: Interested in a career in the healthcare industry? Want to be a doctor, nurse, physical therapist, athletic trainer, or personal trainer? This class will teach you the basics of how the body functions and moves. After

completing the class students will be able to identify specific bones and muscles of the body as well as know how the nervous, cardiovascular, respiratory, digestive, and metabolic systems work.

LEADERSHIP AND PROJECT MANAGEMENT 1

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

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

PREREQUISITES: None

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

Class Video: [LEADERSHIP PROJ. MANAGEMENT](#)

LEADERSHIP AND PROJECT MANAGEMENT 2

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

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

PREREQUISITES: Leadership & Project Management 1

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

Students are given opportunities to take what they have learned from Leadership and Project Management 1 (social emotional learning) and apply those principles to school organizing and managing school events. This class continues to build positive school culture through kindness, character development, project planning, book study, and more. Leadership development combines studies of leadership styles and theories from year 1 and applies them to activities and events throughout the school to increase school culture, climate, and retention.

This course may combine with another Business Pathway course to meet the CTE Pathway requirement to support graduation requirements/SBA testing requirements.

MARKETING, PRINCIPLES OF



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

Prerequisite: None **HOMEWORK:** Minimal
Purpose: This project-based course explores the marketing principles and practices at both the retail level and the corporate level to give students an overview of the importance of marketing in the business world. Specifically, students will learn about the core functions of marketing including channel management, promotion, product development, pricing, and marketing information management. Students will engage in a variety of hands-on activities and projects to help them gain an understanding of the marketing processes used to make business decisions. Students have an opportunity (but are not required) to join DECA and attend competitions in January. This course satisfies the prerequisite needed to enroll in Advanced Marketing.

MARKETING, ADVANCED (SCHOOL STORE)



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

HOMEWORK: Minimal
PREREQUISITIES: Principles of Marketing, Social Media, or Sport and Entertainment Marketing
PURPOSE: Students in this year-long course will delve further into the concepts of entrepreneurship, pricing and promotion learned in the introductory course. Students will also have an opportunity to apply their learning by working in the DECA Den. Students will experience first-hand marketing, entrepreneurial and business practices through real-world, hands-on projects and their work in the DECA Den.
SPECIAL REQUIREMENTS: WA DECA membership and participate in Area 4 competition in January in mandatory. Students will also be required to obtain or show proof of a valid and current King County Food Handlers card. Students who do not have a food handlers' card will be given an opportunity to obtain one within the first two weeks of class. Students will be scheduled to work in the DECA Den during lunch periods throughout the week (you will still have a duty-free lunch period on all days). Throughout the year, students will have an opportunity to learn all aspects of managing and running a retail store including sales associate, general store manager, merchandising manager, promotions manager, operations manager, and marketing information manager.

MARKETING, RETAIL MANAGEMENT

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

Prerequisite: Advanced Marketing
 This year-long course is for students who have successfully completed Advanced Marketing and would like to further their business management skills. Students will experience hands-on retail management experience by exploring concepts such as marketing a retail store, purchasing, merchandising, business communications, management and operations, inventory control and human resources. Students will learn through a combination of operation of the DECA DEN, class projects and assignments and participation in the DECA Area competition in January.
SPECIAL REQUIREMENTS: WA DECA membership and participation in Area 4 competition in January is mandatory. Students will also be required to obtain or show proof of a valid and current King County Food Handlers card. Students who do not have a food handlers' card will be given an opportunity to obtain one within the first two weeks of class. Students will be scheduled to work in the DECA Den during lunch periods throughout the week (you will still have a duty-free lunch period on all days).

MARKETING, SOCIAL MEDIA



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

PREREQUISITES: None
HOMEWORK: Minimal
PURPOSE: This semester course will equip students with the knowledge and skills to develop marketing strategies that leverage social media platforms to achieve marketing goals. This course is not about social media from a user perspective, but instead on understanding consumer's social interactions and examining the various channels available to marketers. The emphasis is on learning how to build social media marketing strategies for a business and track their effectiveness. Students will be able to use social media technologies to create and improve marketing efforts for a variety of businesses. This course satisfies the prerequisite needed to enroll Advanced Marketing.



MARKETING, SPORTS & ENTERTAINMENT

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

PREREQUISITE: None

HOMEWORK: Minimal

Purpose: This course focuses on the role of marketing in generating revenue in the sports and entertainment industry. Students will gain an understanding of marketing concepts which apply to this industry. Specifically, students will learn about forms of sports sponsorship, branding the sports/entertainment industry, product licensing, merchandising, and pricing strategies used in the sports/entertainment industry as well as other emerging issues in the sports marketing industry. Students have an opportunity (but are not required) to join DECA and attend competitions in January. This course satisfies the prerequisite needed to enroll in Advanced Marketing. **CLASS VIDEO:** [SPORTS MARKETING](#)

MEDICAL INTERVENTIONS - PLTW

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

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

Homework: Minimal to 30 mins per week

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

MUSIC TECHNOLOGY

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

PREREQUISITE: None

PURPOSE: In this course, you will explore topics related to music technology, including the recording process, live sound reinforcement, and digital music creation. You will learn how to organize, record, mix, and master a recording session, and you will plan and implement

live sound in concert settings. You also will create music in a variety of styles using loop- and groove-based software, such as GarageBand®. Students in this class will have the opportunity to work with MSHS performing groups during concerts and recording sessions throughout the year. Projects will include creating your own songs, setting up and running sound for a live concert, and recording tracks in a recording studio. **CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.*



ORNAMENTAL HORTICULTURE 1

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

HOMEWORK: Minimal

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

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

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



ORNAMENTAL HORTICULTURE 2

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

PREREQUISITE: Ornamental Horticulture 1

HOMEWORK: Minimal

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

goal setting, and technical skills related to specific jobs in the Agricultural industry. **SKILLS DEVELOPED:** Projects developed through this course will be designed to improve skills in problem solving, speaking, listening, goal setting, and technical skills related to the environmental horticulture industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. **CLASS VIDEO** [Ornamental Horticulture 2](#)

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



ORNAMENTAL HORTICULTURE 3

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

PREREQUISITE: Ornamental Horticulture 1 and 2

HOMEWORK: Minimal

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

May repeat class. **CLASS VIDEO:** [Ornamental Horticulture 3](#)



PERSONAL FINANCE

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

PREREQUISITE: None

HOMEWORK: Minimal

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

CLASS VIDEO: [Personal Finance](#)

PHOTOGRAPHY 1



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

HOMEWORK: Minimal

PURPOSE: Photography 1 is a hands-on project-based class which introduces students to many photographic topics. Units include: Introduction to Photography, Design Elements & Composition, Workflow, Digital Camera Use and Digital Image Management & Editing. Students will learn how to use manual functions on a DSLR. Hands-on projects will reinforce what has been discussed in class. Project themes vary but may include portrait, landscape, architecture, action, products and phot essay. Students will create digital portfolios and use social media to publish their work and participate in regular guest presentations by "Photo Ambassadors" that profile how photography is used in the "real world". *CTE courses that fulfill the fine arts requirement are for the sole purpose of earning a diploma from MSHS. Four-year colleges/university may specify the type of fine arts courses they will accept for admissions. Check the admissions requirement for each college/university you are interested in.

CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

PHOTOGRAPHY 2,3,4

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

PREREQUISITE: Photo 1 etc.

HOMEWORK: Minimal

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

Photography 4: is a hands-on project-based class in which students build on skills they learned in Photo 1-3. Students will work more independently on advanced areas of interest in Photography. They will create an Independent Photo Project (IPP), an agreed upon contract between both the student and

the instructor that clarifies topics, goals, timelines, evaluations, and overall themes. Projects that include community outreach and connections will be encouraged. Students will contribute to Public Relations efforts at the building and district level, Photo Help and Photo Project creation and act as mentors to other students. **COST:** Possible printing costs

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CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

POTTERY 1

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

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

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

POTTERY 2

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

PREREQUISITE: Pottery 1

HOMEWORK: 15 mins / day

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

PRINCIPLES OF BIOMEDICAL SCIENCE (PLTW)

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

HOMEWORK: 10 mins / day **PREREQUISITE:** None

PURPOSE: This course will help prepare you for a career in medicine or health care. It will challenge you to solve real-world problems, and to think creatively and critically as you tackle challenges that biomedical professional face in the

field. In Unit 1, Medical Investigation, you will engage in forensic and medical examination to investigate a mysterious death. In Unit 2, Clinical Care, you assume the role of different medical professionals working through the schedule of patients in a family care clinic to explore medical careers, body systems, and technologies revolutionizing health care. In Unit 3, Outbreaks and Emergencies, you will work as public health officials and emergency responders as you are presented with a series of events, from an outbreak to a natural disaster. In the last unit, Innovation Inc., you will build your engineering and experimental design skills as you explore and create solutions to current and emerging issues.

PSYCHOLOGY

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

HOMEWORK: 0–15 mins / day

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

SKILLS DEVELOPED: 1. Plan how to study a problem.
2. Locate, gather, & evaluate information; 3. Summarize & draw conclusions; 4. Use listening skills; 5. Read social studies materials with comprehension; 6. Use reference skills.
7. Contribute productivity to group tasks and discussions.
8. Formulate and clarify basic values.

ROBOTICS

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

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

HOMEWORK: 15 mins / night

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

SPECIAL REQUIREMENTS: May include work after school; participation in area robotics competitions is encouraged.

CLASS VIDEO: [ROBOTICS](#)

SAE (Supervised Agricultural Experience)

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

Prerequisite: Instructor permission only
Homework: Minimal to 30 mins per week

Purpose: This course is designed to establish knowledge and skills in various agricultural careers. Students will gain credit by establishing a project at their home, at a local business, or at their school after normal school hours. Students will be required to verify their experiences by keeping computerized records dealing with the finances and labor of their project. SAE lessons are embedded in this course. SAE participation can lead to full time employment, scholarships, and awards through the FFA, a student leadership organization. This course will be run as an independent study that will provide the option of an industry recognized certification.

SCULPTURE 1

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

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

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

SCULPTURE 2

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

PREREQUISITE: Sculpture 1

HOMEWORK: 15 mins / day

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

MAY REPEAT COURSE FOR CREDIT

**SPORTS MEDICINE 1**

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

HOMEWORK: Minimal

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

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

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

CLASS VIDEO: [SPORTS MEDICINE 1](#)

**SPORTS MEDICINE 2**

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

PREREQUISITE: Sports Medicine I

HOMEWORK: Minimal

PURPOSE: This class provides the opportunity for students interested in a medical or healthcare career to gain advanced knowledge in those fields.

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: [SPORTS MEDICINE 2](#)

MAY REPEAT COURSE FOR CREDIT



TELEVISION PRODUCTION

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

PREREQUISITE: None

HOMEWORK: 60 minutes per week

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

CLASS VIDEO: DIGI MEDIA & TELEVISION PRODUCTION

THEATRE TECH

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

PREREQUISITE: None

HOMEWORK: None

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

Skills Developed: Students will learn how to use shop tools and materials safely, as well as learn how to design/build theatrical elements for production.

Special Requirements: Crewing productions at least once each semester will be a requirement of this class. **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.*

CORE PLUS MARITIME (formerly ADVANCED WELDING)

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

PREREQUISITE: Welding & Mfg Tech 1 & 2

HOMEWORK: None

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

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



WELDING/METALS & MFG. TECH. 1 & 2

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 1 before taking Welding/Metals & MFG 2.

HOMEWORK: Minimal

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

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

CLASS VIDEO: [WELDING CLASS VIDEO](#)

WOODWORKING 1 & 2

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

HOMEWORK: N/A

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



YEARBOOK PRODUCTION (TENAS COMA)

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

PREREQUISITE: Permission of the *Tenas Coma* adviser.

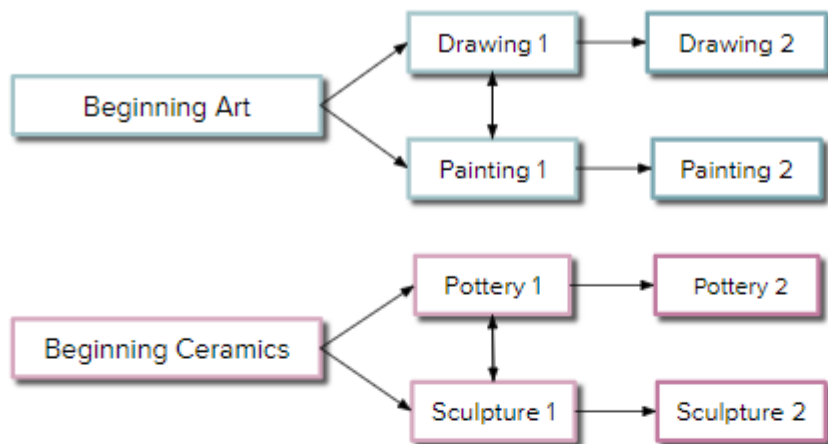
HOMEWORK: Minimal

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

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

FINE ARTS – Visual and Performing

Visual Arts Pathways and Course offerings



ART ELECTIVES

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

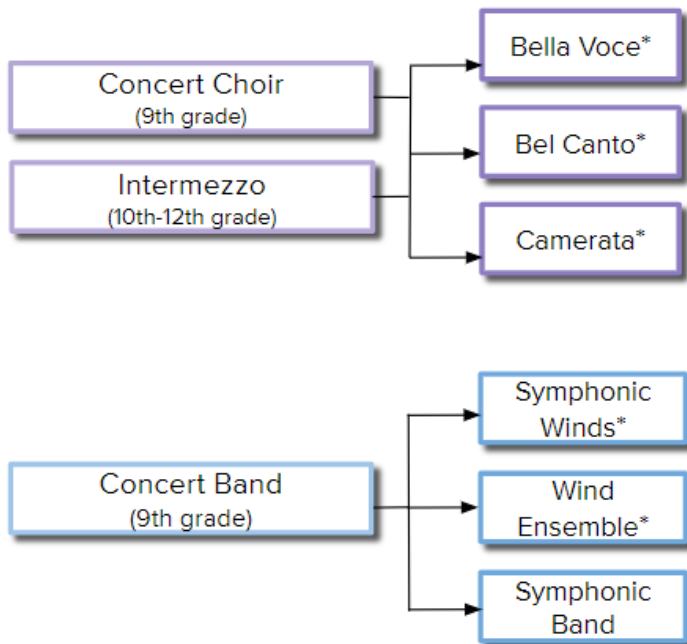
*Offered alternate years

CTE/ART ELECTIVES*

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

*(2 FOR 1 equivalent see page 10)

Performing Arts Pathways and Courses



Performing Art Electives

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

*Requires audition to participate.

CTE/Performing Art Electives

- Music Technology
- Theatre Tech

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

Fine/Visual Arts Courses

AP ART HISTORY



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

HOMEWORK: 15 mins / day

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

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

COST: AP exam fee (AP exam is optional)

AP STUDIO ART: DRAWING



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

HOMEWORK: 2 hours/week

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

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

AP STUDIO ART: 2-D DESIGN



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

HOMEWORK: 2 hours/week

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

PURPOSE: This course provides intense studio work experience for the serious art student who demonstrates exemplary technical skills, work ethic, and the ability to generate college level art concepts. Students will focus on the use of 2D Elements and Principles of Design, and how materials, processes, and ideas can be used to make work that exists on a flat surface. Students can work with any materials, processes, and ideas. Drawing, painting, graphic design, digital imaging, photography, collage, fashion design, and printmaking are among the possibilities for submission. Images from videos or film are also accepted.

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

AP STUDIO ART: 3-D DESIGN



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

HOMEWORK: 2 hours/week

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

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

BEGINNING ART

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

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

PURPOSE: No prior art experience required. This is a hands-on, studio class where you will learn the basics of art making and produce a variety of fun and engaging art projects. Students will experience a wide variety of media and techniques directly related to the development of drawing, painting, and printmaking.

BEGINNING CERAMICS

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

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

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

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

DRAWING 1

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Beginning Art **HOMEWORK:** 15 mins / day

In this course, students will focus on the elements and aspects of drawing and mark-making while experiencing a variety of media such as graphite, charcoal, pastels, and ink. Students will learn and practice a variety of drawing skills and techniques emphasizing fundamental processes of artistic expression through both realistic and abstract drawing methods. This course will build upon the foundational knowledge learned in the Beginning Art class.

DRAWING 2

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Drawing 1 **HOMEWORK:** 15min/day

PURPOSE: This is an upper-level studio class where students will further develop their skills in the elements and aspects of drawing and mark-making. Students will create artworks emphasizing observation and interpretation of the visual environment, life drawing, and imaginative drawing while experiencing in greater detail a variety of media. Students will refine their creative processes and develop their own artistic

styles following and breaking from traditional conventions. This course will also provide instruction in the process of responding to drawing through analysis, critique, and interpretation for the purpose of reflecting on and refining work. This course will build upon knowledge learned in the Drawing 1 class.

May repeat course for credit.

PAINTING 1

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

PREQUISITE: Beginning Art **HOMEWORK:** 15 mins / day

PURPOSE: In this course, students will focus on the elements and aspects of painting while experiencing a variety of media such as watercolor, acrylic, and oil paints. Students will learn and practice a variety of painting methods emphasizing fundamental processes of artistic expression through both realistic and abstract painting methods. This course will build upon the foundational knowledge learned in the Beginning Art class.

PAINTING 2

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Fine Arts or Elective

PREREQUISITE: Painting 1 **HOMEWORK:** 15 mins / day

PURPOSE: This is an upper-level studio class where students will further develop their skills in the elements and aspects of painting. Students will create artworks emphasizing observation and interpretation of the visual environment, life drawing, and imaginative painting while experiencing in greater detail a variety of media. This course will emphasize fundamental processes of artistic expression through both realistic and abstract painting methods. Students will refine their creative processes and develop their own artistic styles following and breaking from traditional conventions. This course will also provide instruction in the process of responding to painting through analysis, critique, and interpretation for the purpose of reflecting on and refining work. This course will build upon knowledge learned in the Painting 1 class. **SPECIAL REQUIREMENTS:** Good attitude and an interest in furthering student's art experience.

May repeat course for credit.

POTTERY 1

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

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

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

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

POTTERY 2

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

PREREQUISITE: Pottery 1

HOMEWORK: 15 mins / day

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

PRINTMAKING

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

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

PURPOSE: This is a hands-on, studio class where you will learn the basics of printmaking and produce a variety of projects. Students will experience different printmaking methods such as lino-cut block printing, screen printing, and monotype printing. This course will emphasize fundamental processes of artistic expression through both realistic and abstract printing methods.

SCULPTURE 1

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

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

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

SCULPTURE 2

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

PREREQUISITE: Sculpture 1 **HOMEWORK:** 15 mins / day

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

Music Courses

AP MUSIC THEORY

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

HOMEWORK: 2-3 hours/week

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

PURPOSE: Designed to be the equivalent of a first-year music theory college course as specified by the College Board. AP Music Theory develops students' understanding of musical



structure and compositional procedures. Usually intended for students who already possess performance-level skills, AP Music Theory courses extend and build upon students' knowledge of intervals, scales, chords, metric/rhythmic patterns, and the ways they interact in a composition. Musical notation, analysis, composition, and aural skills are important components of the course.

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

COST: AP exam fee TBD; AP exam is optional

BEL CANTO CHOIR

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

HOMEWORK: 20 mins / day

PREREQUISITE: Audition is required

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

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

CLASS VIDEO: [CHOIR](#)

May repeat course for credit.

BELLA VOCE CHOIR

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

HOMEWORK: 15 mins / day

PREREQUISITE: Audition is required

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

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

CLASS VIDEO: [CHOIR](#)

May repeat course for credit.

CAMERATA CHOIR

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

PREREQUISITE: Audition is required.

HOMEWORK: 20 mins / day

PURPOSE: Camerata is an audition-only, highly select, treble/bass choral ensemble. This course is intended for students who are serious about choir and understand music reading skills and vocal technique. Previous experience in choir or vocal lessons is recommended before auditioning. Students will continue to develop vocal technique, rehearsal skills, and music reading skills. Students will also dive more heavily into music theory. **SPECIAL REQUIREMENTS:** Students in this course will travel to festivals often and should understand that they will have *several* performances and commitments outside of school hours. Additionally, there is an expectation that students will be committed to practicing on their own at home 15-30 min 3-5 days per week. They may also need to schedule additional sectional rehearsals before or after school once a month. **CLASS VIDEO:** [CHOIR](#)

May repeat course for credit.

CONCERT BAND

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

PREREQUISITE: Middle school band experience or audition with instructor

HOMEWORK: 20 mins / day

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

CONCERT CHOIR

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

PREREQUISITE: None

HOMEWORK: 30 mins / week

PURPOSE: Concert Choir is open to all freshmen who want to participate in choir and music. This is a freshman 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 baritone and treble voices. **SPECIAL REQUIREMENTS:** Students in this course will have three evening concerts over the course of the year and will participate in at least one festival during a school day. Up to 3 additional performances, during and/or after school, may be scheduled at the discretion of the instructor, but will be handed out on the calendar at the beginning of the school year. **CLASS VIDEO:** View [CHOIR](#)

INTERMEZZO CHOIR

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

HOMEWORK: 30 mins / week

PURPOSE: Intermezzo Choir is a non-auditioned choir available to any 10th-12th grade students at Mount Si, regardless of previous experience. 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: CHOIR *May repeat course for credit.*

JAZZ BAND (All ENSEMBLE LEVELS)

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

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

HOMEWORK: 20 - 40 mins / day

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

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

MUSIC CREATIVITY & COLLABORATION (MCC)

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

HOMEWORK: Occasional, 15 mins / day

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

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

CLASS VIDEO: View [HERE](#)

May repeat course for credit.

MUSIC TECHNOLOGY

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

PREREQUISITE: None

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

ORCHESTRA

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

HOMEWORK: 2-3 hrs / week

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

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

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

PIANO 1

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

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

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

PIANO 2

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

PREREQUISITE: PIANO 1

HOMEWORK: 30 mins / week

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

May repeat course for credit.

PERCUSSION ENSEMBLE/DRUMLINE

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

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

HOMEWORK: 30 mins / day

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

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

May repeat course for credit.

SYMPHONIC BAND

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

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

HOMEWORK: 30 mins / day

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

May repeat course for credit.

SYMPHONIC WINDS

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

HOMEWORK: 45 mins / day

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

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

league festivals, competitions, school functions, solo & ensemble, community events, and in-district tours. All members must participate in the Wildcat Band during football season, participation in basketball pep band is optional.

CLASS VIDEO: View [HERE](#)

May repeat course for credit.

VOCAL JAZZ ENSEMBLES

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

Length / Credit for Jazz 1 1 Year / 1 Credit

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

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

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

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

PURPOSE: Vocal Jazz is a mixed gender choir which includes the various styles of jazz (Latin, Swing, Bebop, Funk, etc). Students who take this course must be very committed and willing to work on their music outside of class. There is 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 1 students will be expected to participate in jazz workshops one evening per month. Additionally, this group will attend several festivals (during the school day and/or on weekends) and perform at three jazz concerts with the jazz bands throughout the year. More performances may be added at the discretion of the instructor but will be communicated in advance. Students will be expected to practice on their own at home 20 min 3-5 days per week and may also need to schedule additional sectional rehearsals after school once a month. Vocal Jazz 2 students will be expected to perform at 3 additional jazz concerts, one evening workshop per month, and a few festivals outside of school. **CLASS VIDEO:** View [CHOIR](#)

May repeat course for credit.

VOCAL JAZZ WORKSHOP

Length / Credit: Semester / .5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

HOMEWORK: 20 mins

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

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

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

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

CLASS VIDEO: [HERE](#)

May repeat course for credit.

WIND ENSEMBLE

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Fine Arts or Elective

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

HOMEWORK: 45 mins / day

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

May repeat course for credit.

WORLD DRUMMING

Length / Credit: 1 Semester / .5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Fine Arts or Elective

HOMEWORK: 30 mins / week

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

PERFORMING ARTS COURSES

DRAMA/THEATRE 1

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

PREREQUISITE: None **HOMEWORK:** Occasional reading assignments. Memorization of scenes and monologues.

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

DRAMA/THEATRE 2

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

PREREQUISITE: Drama/Theatre 1

HOMEWORK: Occasional reading assignments. Memorization of scenes and monologues.

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

MUSICAL THEATER WORKSHOP (1&2)

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

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

PURPOSE: This course is for the student that is interested in Musical Theatre- both on stage and “behind the scenes”.

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

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

PRODUCTION LAB

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

PREREQUISITE: One year of Drama/Theatre or Theater Tech

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

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

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

THEATRE TECH

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

PREREQUISITE: None **HOMEWORK:** None

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

CTE ARTS COURSES

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

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

Examples:

- University of Washington requires one-half credit from art appreciation, band, ceramics, choir, dance, dramatic performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, Sculpture.*
- University of California schools require one full credit course of visual and performing arts from the following course types: dance, drama/theater, music, or visual arts.*

BAKING AND PASTRY 1

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

Prerequisite: Successful completion of Creative Cooking
Homework: Minimal

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

BAKING AND PASTRY 2

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

Prerequisite: Successful completion of Baking & Pastry 1
Homework: Minimal

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

attention to detail. This course provides industry certification and prepares students to work in the industry.

MAY REPEAT COURSE WITH INSTRUCTOR PERMISSION.

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: [DIGITAL MEDIA & TELEVISION PRODUCTION](#)

May repeat class for credit.

DIGITAL MEDIA ARTS ACADEMY, INTRO



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

HOMEWORK: Minimal

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

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

ENGINEERING DESIGN, INTRO



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

PREREQUISITE: Successful completion of Engineering Essentials **PURPOSE:** Project Lead the Way Curriculum. In this course students will build upon skills developed in Engineering Essentials. Students will deepen their

understanding of the design process and their proficiency in 3D modeling design software while learning new processes such as reverse engineering. The major focus of the IED

course is to expose students to the design process, research and analysis, teamwork, communication methods, global human impacts, engineering standards and technical documentation.

MUSIC TECHNOLOGY

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

PREREQUISITE: None

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

PHOTOGRAPHY 1



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

HOMEWORK: Minimal

PURPOSE: Photography 1, is a hands-on project-based class which introduces students to many photographic topics. Units include: Introduction to Photography, Design Elements & Composition, Workflow, Digital Camera Use and Digital Image Management & Editing. Students will learn how to use manual functions on a DSLR. Hands-on projects will reinforce what has been discussed in class. Project themes vary but may include portrait, landscape, architecture, action, products and phot essay. Students will create digital portfolios and use social media to publish their work and participate in regular guest presentations by "Photo Ambassadors" that profile how photography is used in the "real world".

CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

PHOTOGRAPHY 2,3,4

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

PREREQUISITE: Photo 1 etc.

HOMEWORK: Minimal

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

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

CLASS VIDEO: [PHOTOGRAPHY CLASS VIDEO](#)

POTTERY 1

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

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

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

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

POTTERY 2

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

PREREQUISITE: Pottery 1

HOMEWORK: 15 mins / day

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

SCULPTURE 1

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

PREREQUISITE: Beginning Ceramics

HOMEWORK: 15 mins / day

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

SCULPTURE 2

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

PREREQUISITE: Sculpture 1

HOMEWORK: 15 mins / day

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

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

TELEVISION PRODUCTION



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

PREREQUISITE: None

HOMEWORK: 60 minutes per week

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

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

THEATRE TECH

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

PREREQUISITE: None **HOMEWORK:** None

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

CORE PLUS MARITIME (formerly ADVANCED WELDING)

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

PREREQUISITE: Welding & Mfg Tech 1 & 2

HOMEWORK: None

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

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

WELDING/METALS & MFG. TECH. 1 & 2



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

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

HOMEWORK: Minimal

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

CLASS VIDEO: [WELDING CLASS VIDEO](#)

WOODWORKING 1 & 2

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

HOMEWORK: N/A

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

May repeat class for credit.

General Electives Courses

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

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Elective

PREREQUISITE: By placement only

HOMEWORK: N/A

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

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

ACADEMIC LANGUAGE DEVELOPMENT (ALD) FOR ENGLISH LANGUAGE/MULTILINGUAL LEARNERS (MLL)

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Elective

PREREQUISITE: By placement only

HOMEWORK: N/A

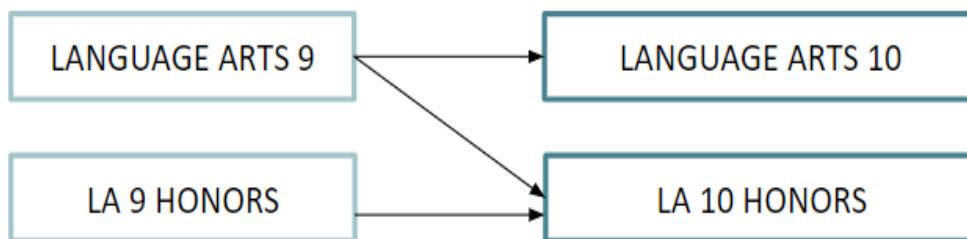
PURPOSE: 1. To help MLL students develop academic English skills in listening, speaking, reading, writing, and grammar. 2) To appreciate home culture and local culture. 3) Maximum of one class period each week for help on mainstream subjects.

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

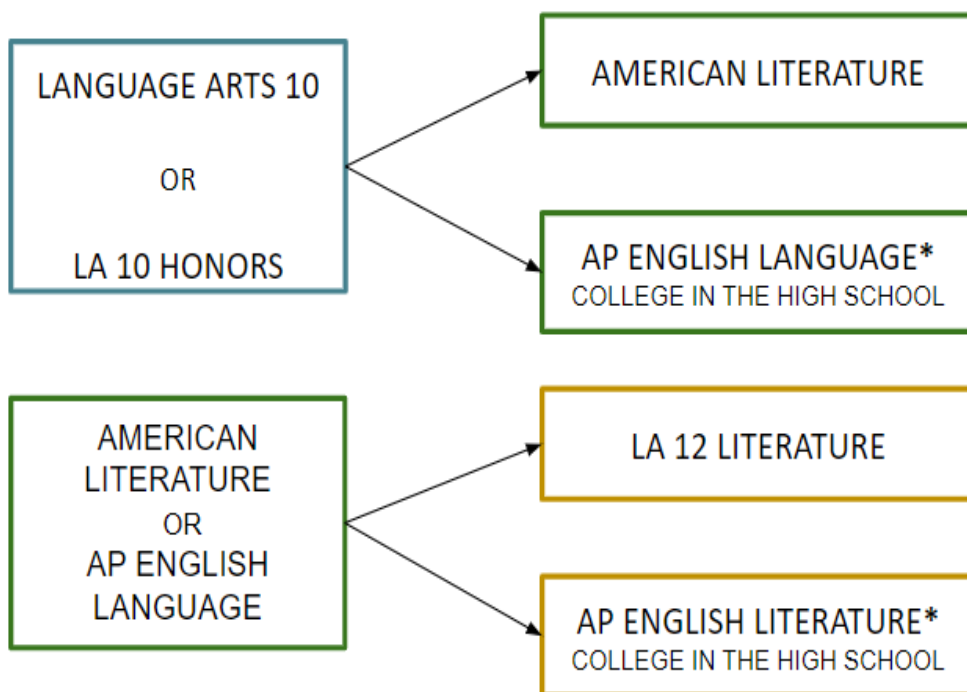
Language Arts Courses

- 4.0 credits required for high school graduation.

LANGUAGE ARTS PATHWAYS



*LA9 Honors students will automatically be rolled up to LA10 Honors for the next year.
LA10 Honors students will automatically be rolled up to AP LANG for the next year.*



*College Credit Available : Via AP exam or Bellevue College/ in the High School

9th Grade Language Arts

LANGUAGE ARTS 9

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

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.

LANGUAGE ARTS 9 HONORS

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

PURPOSE: LA 9 Honors is an advanced course that is designed to enable students to read, write, and think critically and competently about issues that arise in literature. Participants will read and write, participate in class discussions and presentations, and complete research. Students are expected to operate as thoughtful and engaged readers/thinkers in the class and to be creative, independent, and responsible for their learning. This course focuses on moving beyond simply meeting state standards and exploring what lies beyond those standards - the fine nuances of reading, writing, research, and speech. This course is designed to help prepare students to take future honors and AP classes in ELA but is not a prerequisite for those courses.

SKILLS DEVELOPED: Reading will be heavily focused on thematic analysis and close textual examination. A major goal of this course is to ensure that assertions are supported with textual evidence. Writing activities will focus on the effective and conscious writing of multi-paragraph essays and evaluated on a standards-aligned rubric and set of expectations developed from Common Core standards and select AP standards and skills. Analysis, critical thinking, and exploration of literature is expected on a regular basis.

Texts read will be of 9th grade complexity as well as pushing students to explore texts of a 10th grade complexity and beyond.

10th Grade Language Arts

LANGUAGE ARTS 10

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

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.

LANGUAGE ARTS 10 HONORS

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

HOMEWORK: 40 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 goal of LA 10 Honors is to enable students to read, write, and think competently and originally about literary, moral, philosophical, and emotional issues encountered in literature. Participants will read and write, participate in class discussions and presentations, and complete research to develop as students. Course expectations are stringent. Students will be expected to fulfill these expectations *creatively, independently, and responsibly*. This honors class is designed to prepare students not only for sophomore state standards and assessments, but also for future AP classes and for the expectations and demands of a four-year university.

SKILLS DEVELOPED: Reading activities will focus on thematic analysis and close textual examination. A major goal of the course will be to ensure that assertions are supported with textual evidence. Writing activities will emphasize the six-trait writing model in paragraphs and essays. A major element in the study of each literary work is the writing of an analytical essay focusing on some major aspect of the work. Synthesis and research writing will also be addressed. Other activities will include studying vocabulary from literature and terms and concepts specific to the study of language arts. Also included in the course are individual and group oral presentations and projects focusing on major works. Grammar will be addressed in the context of writing.

REQUIRED SUMMER READING: George Orwell's *1984*

11th Grade Language Arts

AMERICAN LITERATURE

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

HOMEWORK: 30 mins / day

PURPOSE: While this class is suitable for all students, it is intended to be taught 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/CHS *



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 homework.

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

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

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

BRIDGE TO COLLEGE/ELA

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

PURPOSE: Bridge to College English Language Arts is a junior &/or senior level year-long course focusing on the English Language Arts key readiness standards from Washington State's K-12 Learning Standards for English Language Arts (the Common Core State Standards, CCSS-ELA). The course curriculum emphasizes and develops students' college and career readiness by building skills in critical reading, academic writing, speaking & listening, research and inquiry, and

language use defined by the CCSS-ELA for high school. Bridge to College English Language Arts was designed for students who would benefit from more time and practice to master the CCSS-ELA core standards. As Bridge to College ELA is a course designed to bridge high school to college, this course may assist students with their entrance into post-secondary credit bearing courses (currently, Eastern Washington University and all 34 of the state's community and technical colleges). For these participating institutions, high school students who earn a B or better in the Bridge to College English Language Arts and then begin college the year following graduation, will be placed directly into a college-level English composition course. *Bridge to College English Language Arts can fulfill the ELA state testing requirement. ***This course is NCAA approved.**

12th Grade Language Arts

AP ENGLISH LITERATURE/CHS*



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 **PURPOSE:** AP English Literature is a year-long course designed to prepare students for the skills necessary for strong performance on the AP English Literature exam and to prepare students for success in college as a reader, writer, and thinker. Through the combined study of style analysis, close reading, and literary periods, terms, and concepts, students will develop their skills as they read, write, and think about English literature and the ideas contained therein. The focus will be on both verse and prose and students will continue to refine their approach to analyzing complex texts as the year progresses. All elements of the course will be taught at an advanced level, and students will be expected to perform in a mature, thoughtful, independent, and creative manner that indicates a true commitment to academic study of the highest level. **SKILLS DEVELOPED:** Advanced literary and stylistic analysis; close reading of complex texts; advanced vocabulary knowledge specific to the study of literature; essay writing as a process; style analysis (including the study of detail, diction, syntax, tone, point of view, and organization); test taking strategies as related to the AP test; discussion/debate; presentation skills, higher-level thinking skills; research using the MLA style.

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

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

BRIDGE TO COLLEGE/ELA

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

HOMEWORK: TBD

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

LANGUAGE ARTS 12 LITERATURE

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

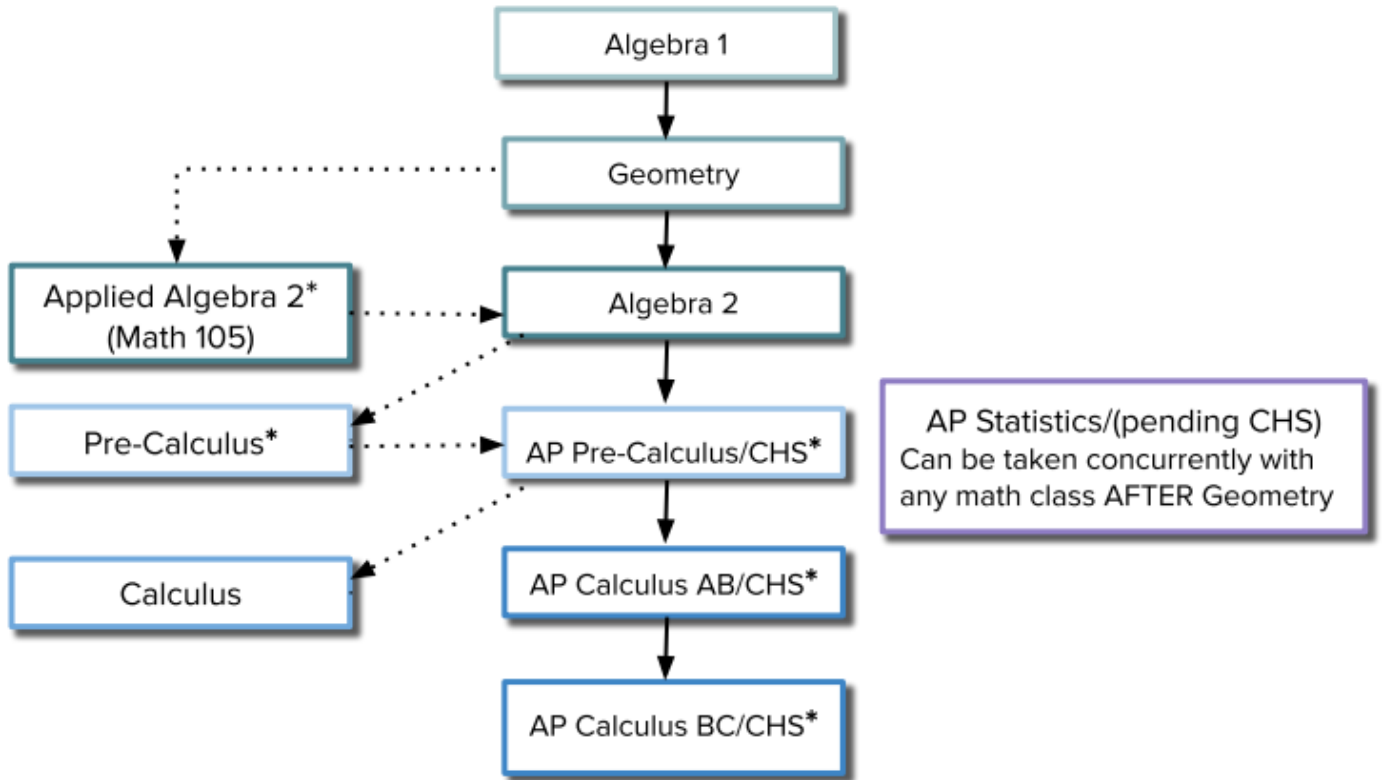
HOMEWORK: 15 mins / day

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. 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.

Mathematics Pathways & Courses



***College credit available**

- AP via AP exam
- CHS through Bellevue College
- CTE Dual Credit

————> Automatic progression

.....> Optional progression

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)



APPLIED ALGEBRA 2*

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

PREREQUISITE: Successful completion of Algebra 1 and Geometry.

PURPOSE: Applied Algebra 2 focuses on the application of mathematics and statistics to the solution of functional problems in fields such as engineering and the applied sciences. The course includes practical application of mathematical concepts such as exponents and systems of equations and inequalities. Students will learn about functions, quadratic equations, conic sections, exponential and logarithmic functions, polynomials, rational functions, sequences and series, probability, and trigonometric functions and identities. *Indicates opportunity to earn college credit through CTE dual credit. See page 9 for further information.

AP CALCULUS AB/CHS*

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

HOMEWORK: 30-45 mins / day

PREREQUISITE: Successful completion of Pre-Calculus

RECOMMENDATION: B or better in Pre-Calculus

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

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

COST: AP exam fee TBD



AP CALCULUS BC/CHS*

Length / Credit: 1 Year / 1.0 Credit
Grade Level: 12
Graduation Requirement: Math or Elective

HOMEWORK: 30-45 mins / day

PREREQUISITE: Successful completion of AP Calculus AB

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

HOMEWORK: 30-45 mins / day

PURPOSE: AP Calculus BC is a second level college course where students gain an understanding of the concepts of calculus and experience its methods and applications. Topics include parametric, polar, and vector functions; computation and application of derivatives; techniques of anti-differentiation and application of integrals; polynomial approximations and series. Technology is used to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Students are expected to take the Advanced Placement exam. *College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment. **COST:** AP exam fee TBD



AP PRECALCULUS/CHS*



Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Math*, Occ. Ed, Elective
PREREQUISITE: Successful completion of Algebra 2, Advance Alg/Trig or Precalculus.
HOMEWORK: 30-45 mins / day
PURPOSE: AP Precalculus is a college level, rigorous course that will prepare students for AP Calculus and other college-level mathematics courses. Students acquire and apply mathematical tools in real-world modeling situations using graphical, numerical, verbal, and analytical representations in preparation for using these tools in college-level calculus. AP Precalculus strengthens students' conceptual understanding of problems and fosters further development of mathematical reasoning, critical thinking and problem solving. The course will push students to think deeply to solve problems. Course topics include parent functions and transformations, polynomials, rational functions, composite functions, exponential and logarithmic function, trigonometry and polar functions, analytical trigonometry and applications, conic sections, vectors, polar coordinates, sequence and series, and limits. We recommend you select AP Precalculus/CHS for your student's next math course if your student is excited about the opportunity for a challenge and is willing to engage in productive struggle and work independently through complex problems. Success in AP Precalculus/CHS will also likely require your student to spend time working on homework and studying content daily. *College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment. This course will prepare you for AP Calculus AB for the subsequent school year.

AP STATISTICS/CHS



Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Math or Elective
PREREQUISITE: Successful completion of Geometry. *AP courses are rigorous and are designed to prepare students for college level coursework.*
HOMEWORK: 30-45 mins / day
PURPOSE: The course is intended for students interested in studying 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

to make meaningful decisions about the world in which we live. This course will prepare the student to take the AP Statistics exam, which allows the student the opportunity to earn college credit. **MATERIALS:** Graphing calculator (TI-84)
 *College Credit is available for this course through the College in the High School Program with Bellevue College or through the Advanced Placement Assessment.
COST: AP exam fee tbd.

CALCULUS

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Math or Elective
PREREQUISITE: Successful completion of Pre-Calculus
HOMEWORK: 30-45 mins / day
PURPOSE: This introductory course presents most of the same material (differentiation and integration) as AP Calculus AB, but at a slower pace. This course is not intended to prepare students to take the AP Calculus AB exam. This class will prepare students for AP Calculus AB or 1st year calculus in college.
MATERIALS: Graphing calculator (Recommended TI-83/84+)

FINANCIAL ALGEBRA



Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Math*, Occ. Ed, Elective
PREREQUISITE: For Occ. Ed no prerequisite. For math credit successful completion of geometry and counselor approval if 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.

GEOMETRY

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Math or Elective

PREREQUISITE: Successful completion of Algebra 1

HOMEWORK: 30 mins / day

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

PRE-CALCULUS

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Math or Elective

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

HOMEWORK: 30-45 mins / day

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

We recommend you select Precalculus for your student's next math course if your student is excited about the opportunity for a challenge and is willing to engage in productive struggle and work independently through complex problems. Success in Precalculus will also likely require your student to spend time working on homework and studying content daily.

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

Occupational Education Courses

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: 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.

May repeat class for credit.

APPLIED OFFICE

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

This is course is graded as pass or fail

PREREQUISITE: By permission from Office Manager/Secretary

HOMEWORK: N/A

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

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

May repeat class for credit.

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.

LIBRARY AIDE

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

HOMEWORK: N/A

This course is graded as a pass or fail.

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 others be trustworthy and responsible and have excellent behavior and attendance.

May repeat class for credit.

STUDENT TECH SUPPORT SPECIALIST

See counselor for class placement.

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

PREREQUISITE: CTE Director approval

HOMEWORK: N/A

SKILLS DEVELOPED: The High School Student Tech Support Specialist course is designed to prepare students for a future career in the fast-paced and dynamic field of technology support. In today's digital age, technology plays a vital role in education, business, and everyday life. As a student technology support specialist, students will develop the skills and knowledge needed to troubleshoot, maintain, and

support a wide range of technology devices, applications, and systems. This course offers a hands-on, immersive learning experience that empowers students to become tech-savvy problem solvers and valuable assets in their school and future workplace.

PEER TUTORS

Please note:

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

PEER TUTOR

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed., Elective

HOMEWORK: N/A

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

PEER TUTOR: AVID

Length/credit: 1 semester/0.50 credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed or Elective

HOMEWORK: None

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in AVID (Advancement Via Individual Determination) classroom environments. Tutors will assist students by helping in formal AVID Tutorial sessions and Collaborative Study Groups, college and career readiness strategies and preparation, and relationship building.

SKILLS DEVELOPED: 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: PE/LIFESKILLS

Length / Credit: 1 Semester / 0.50 Credit

Grade Level: 11, 12

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

HOMEWORK: N/A

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

PEER TUTOR: LIFE SKILLS

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 11, 12

Graduation Requirement: Occ. Ed. or Elective

HOMEWORK: None

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in a special education classroom with students who have disabilities. This course is a unique learning experience in which peer tutors will have daily opportunities to develop positive attitudes and relationships with students in the Life 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: MATH

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

HOMEWORK: N/A

PREREQUISITE: *Must have earned a 'C' or better in math content for which student is tutoring.*

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in math classrooms (Algebra 1 and Geometry). Math peer tutors will work in conjunction with an assigned Mount Si High School Math Teacher. Math tutors will be provided training to support their work in classrooms. Math Tutors will assist students individually or in small groups to help them improve their math skills. Tutors will assist in facilitating/guiding class activities as well as checking work, providing explanations, clarifying assignments, and offering test preparation activities.

Skills Developed: Under the supervision of the classroom staff, students will learn skills to successfully tutor and mentor peers. Training will be provided for peer tutors. In addition, serving as a peer tutor will help to solidify the peer tutor's math background and skills. **Special Requirements:** Students should have an interest in math and enjoy working with others. Peer tutors need to be able to work independently, be self-motivated, trustworthy, and responsible, and have an excellent behavior and attendance record. Students should have passed Algebra 2. **May repeat this class.**

PEER TUTOR: SCIENCE

Length / credit: 1 semester / 0.50 credit
Grade Level: 11, 12
Graduation Requirement: Occ. Ed. or Elective

HOMEWORK: N/A

PREREQUISITE: *Must have a 'C' or better in science content for which student is tutoring.*

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 are interested in pursuing a career in science. Students need to be able to work independently, be self-motivated, trustworthy, and responsible, and have excellent behavior and attendance. Students should have 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

PREREQUISITE: *Must have a 'C' or better in social studies course content for which student is tutoring.*

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. Tutors will assist students by providing explanations, clarifying assignments, offering test preparation activities, and facilitating & guiding student discussions. Tutors may also can develop and deliver lessons to their peers with teacher guidance. **SKILLS DEVELOPED:** 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.**

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

FIT FOR LIFE

Length / Credit: 1 Year/1.0 Credit

Grade Level: 9

Graduation Requirement: PE or Elective

Homework: 1-2 hours/week

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

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

COST: Fine is issued if supplied lock is lost

HEALTH

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: Health/Occ. Ed/Elective

Homework: 1-2 hours week

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

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

PEER TUTOR: LIFESKILLS PE

Length / Credit: 1 Semester / 0.50 Credit

Grade Level: 11, 12

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

Homework: NONE

PURPOSE: The purpose of this course is to provide interested students with the opportunity to serve as peer tutors in a physical education class with students who have disabilities. Peer tutors work one on one with students to promote and maintain a healthy lifestyle through a fitness program based on individual needs, abilities, and interests. Peer tutors are expected to physically participate in daily activities and be positive role models for each student in the Life Skill's program.

SKILLS DEVELOPED: Under the supervision of classroom staff, students will learn skills to successfully work with students from the special education Life Skill's program. Students will have opportunities to learn about disabilities and build relationships outside of the classroom.

PERSONAL FITNESS

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: PE or Elective

Homework: 1-2 hours/week

PURPOSE: This Physical Education course provides students the opportunity to design and implement their own personalized fitness plan. In a typical school week, students will have a rotation including the following.

- classroom time to learn and develop personal fitness plan.
- weightroom time to carrying out resistance training.
- gym and field time to focus on cardio-vascular fitness, skill-related components of fitness, and body-composition.
- mat room time to explore flexibility routines and body weight exercises.

COST: Fine is issued if supplied PE lock is lost

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

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

- Olympic Weightlifting - clean, snatch, jerk
- Powerlifting - bench press, squat, deadlift
- Auxiliary lifts - Incline bench, shoulder pressing, lunge, Bulgarian squat, etc.
- Bodyweight movements - pull ups, dips, push-ups, etc.
- Speed ladders movements, echo bike, rowing, box jumping, etc.
- Yoga movements for flexibility and recover.

May repeat class for credit.

YOGA & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: PE or Elective

Homework: 1-2 hours/week

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

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

May repeat class for credit.

SPORTS & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: PE or Elective

Homework: 1-2 hours per week

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

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

May repeat class for credit.

STRENGTH TRAINING & CONDITIONING

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 10, 11, 12

Graduation Requirement: PE or Elective

Homework: 1 hour/week

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

SCIENCE PATHWAYS & COURSE OPTIONS

SCIENCE

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

Minimum Requirements 3 Credits Required	Recommended 3-4 Credits Required	Accelerated Pathway 3-4 Credits Required
9th Grade	9th Grade	9th Grade
Biology	Biology	Biology
10th Grade	10th Grade	10th Grade
Chemistry	Chemistry	Chemistry
11th Grade Choose One Option (see options below)	11th Grade Choose One Option (see options below)	11th Grade Choose One Option (see options below)
12th Grade Optional Elective Credit (see options below)	12th Grade Choose One Option (see options below)	12th Grade Choose One Option (see options below)

Year 3 & 4 Science Elective Options

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

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

-AP: Indicates Advanced Placement -CHS:Indicates college credit available via BC OR UW
 -*Indicates CTE dual equivalency (see page 10 for more information)

Minimum State Required Credits

3 credits of science (2 must be lab-based sciences)

Although these are minimum requirements, it is recommended that students follow the "recommended accelerated" pathway.

Science Courses

AP BIOLOGY/CHS*



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

HOMEWORK: 5-8 hours/week

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

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

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

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

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

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

AP CHEMISTRY



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

HOMEWORK: 3-5 hours per week

PREREQUISITE: Successful completion of Chemistry is recommended. Students should have successfully completed Algebra 2. Students who have a willingness to work hard, a true passion for learning, and a desire to be challenged are most successful in this course, regardless of class rank or GPA.

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 Chemistry course provides students with a college-level foundation to support future advanced coursework in the sciences. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The AP

Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. **SKILLS DEVELOPED:** Reading comprehension, scientific writing, and analytical problem-solving. This course is lab intensive and will acquaint students with laboratory techniques. **COST:** AP exam test fee TBD (AP exam is optional)

AP ENVIRONMENTAL SCIENCE/CHS*



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

HOMEWORK: 30 min, 3 times per week

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

PURPOSE: This course is designed to be the equivalent of a rigorous one-semester, introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them 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.

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

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

AP PHYSICS 1/CHS



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

HOMEWORK: 30 mins / day

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

PURPOSE: AP Physics 1 is an algebra-based physics course that focuses on the big ideas typically included in the first semester of an introductory college-level physics sequence. AP Physics 1 will provide students with the foundational knowledge to

support future advanced coursework in the sciences. Students will develop critical thinking and reasoning skills, and cultivate their understanding of physics and science practices as they explore kinematics, dynamics and Newton's laws, circular motion and universal law of gravitation, simple harmonic motion, impulse, linear momentum and conservation of linear momentum, work energy, and conservation of energy, rotational motion, electrostatics, simple DC circuits, and mechanical waves and sound.

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

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

AP PHYSICS C: ELECTRICITY & MAGNETISM/CHS



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

HOMEWORK: 30 mins / day

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

PURPOSE: AP Physics C: Electricity and Magnetism course is a yearlong, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. This class is equivalent to the 2nd semester of an engineering physics sequence in college. The course explores topics including electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Problem solving techniques will include algebraic manipulation as well as introductory differential and integral calculus. Calculus concepts will be taught within the context of the course.

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

COST: AP exam fee TBD

AP PHYSICS C: MECHANICS/CHS



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

HOMEWORK: 30 mins / day

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

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

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

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

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

ADVANCED ANIMAL SCIENCE 1

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

Prerequisite: Successful completion of Animal Science 1 & 2
Homework: Minimal to 30 mins per week

Purpose: This year long lab science course builds on the concepts learned in Animal Science 1 & 2. This class will focus on animal health, animal pathology, and animal production. Topics include animal anatomy and systems dissections, animal behavior, handling techniques, advanced nutrition, advanced disease pathology and control, safety and sanitation in the animal laboratory, animal reproductive anatomy and breeding programs. Students are responsible for the demonstration of skills and competencies through labs, scientific research, and assessment of classroom projects. Upon successful completion of the program, optional testing is available for students to become a level 1 Certified Veterinary Assistant through Texas Medical Veterinary Association. (See instructor for details.) Students may also receive additional opportunities for mentorships, internships,

and scholarships through local companies/labs. Students must be able to work in a team/group environment and be able to stay focused and self-directed. Membership in the FFA student leadership club is included with this course.

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

ADVANCED ANIMAL SCIENCE 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

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

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

Homework: Minimal to 30 mins per week

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

Cost: \$20/Year, lab fee, FFA membership

ANIMAL SCIENCE, INTRO TO

Length/Credit: Semester / .5 credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ Ed, Lab Sci, Elective

HOMEWORK: Minimal

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

SKILLS DEVELOPED: Students practice written and oral 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: [Intro to Animal Science](#)

ANIMAL SCIENCE 2

Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

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

PREREQUISITE: Intro to Animal Science 1

HOMEWORK: Minimal

PURPOSE: This course provides students with a continuation of Intro to Animal Science and is designed for students who show an interest in animal science, animal behavior, animal classification, basic animal anatomy, reproduction, genetics, growth & development, nutrition, disease & parasites, production, management, and health care of domestic and exotic animals. Students will be involved with live animals to reinforce the topics learned in class.

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

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

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

ASTRONOMY/UW ASTRONOMY 101 & 150/CHS*

Length/Credit: 1 year / 1 credit

Grade Level: 10, 11, 12

Graduation Requirement: Algebra-based lab science or Elect

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

PREREQUISITE: No prerequisite for Astronomy; UW Astronomy 101 & 150: UW requires prospective students to have a solid B+ in all previous science coursework and a C- or better in Algebra. **PURPOSE:** In the first semester, students will develop a comprehensive knowledge of the expanding Universe with emphasis placed on deep space beyond our solar system. Major themes in astronomy include great distances in space through powers of 10 and Earth's place in the Universe. How past and present astronomers have come to understand our Sun and other stars in their formation and evolution and other unique astronomical entities will be the focus, along with the methods humans have and will continue to explore and discover the unknown. Field experiences will



allow student to apply their learning by navigating the night sky. Second semester takes an in-depth look at the planets of our solar system with emphasis on recent space exploration of the planets. A focus will be on the scientific probes and space missions launched. Students will learn rigorous university level content while satisfying college QSR requirements on a college transcript and gain access to the UW Library resources. * The UW Astronomy option offers students the unique opportunity to earn college credit in a specialized earth science course.

Cost: None

BIOLOGY with EARTH SYSTEMS^H

Length / Credit: 1 Year / 1 Credit

Grade Level: 9

Graduation Requirement: Algebra-based lab science or Elective

HOMEWORK: 20 mins / day recommended

PREREQUISITE: None

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

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

CHEMISTRY^H

Length / Credit: 1 Year / 1 credit

Grade Level: 10, 11, 12

Graduation Requirement: Algebra-based lab science or Elect

HOMEWORK: Up to 30 mins / day

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

PURPOSE: This is a hands-on college prep class designed to give students a comprehensive background in chemistry utilizing problem-based learning. The course is separated into units with different societal applications of chemistry. Chemical concepts are introduced through experimentation and demonstration to keep the study on a more concrete

level. The importance of observations, interpretations and analysis is emphasized throughout the course. Laboratory experiences are utilized to fully understand the theory behind the chemical principles being studied. The content of the course will center on the nature of matter and the changes it undergoes at the atomic level. Basic principles will be developed in the laboratory and extended through class discussions, lectures, and readings. While mathematical understanding is required, conceptual understanding is more heavily emphasized. ^HStudent may earn an honors designation.



ENVIRONMENTAL SCIENCE

Length / Credit: 1 Year / 1 Credit – Dual Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed/Lab Science/Elective

HOMEWORK: Minimal

PURPOSE: This year long, dual credit course explores the many areas of environmental science and natural resources including land, forests, water, wildlife, and current issues. Students will work with the local Forest Service office to create projects that will benefit our area. 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: Projects developed through this course will be designed to further expand skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. *Note 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 counts as science or elective credits.*



FORENSIC SCIENCE

Length / Credit: Year / 1.0 credit

Grade Level: 10, 11, 12

Graduation Requirement: Occ. Ed/Science/Elective

HOMEWORK: Minimal

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

rules of evidence, and career opportunities. Fieldtrips may be offered to pertinent facilities such as King County Superior courthouse and/or the Medical Examiner's Office.

HUMAN BODY SYSTEMS (PLTW)



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

PREREQUISITE: Principles of Biomedical Science

HOMEWORK: Minimal

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

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

MARINE SCIENCE: OCEANOGRAPHY

Length / Credit: 1 Year / 1 Credit
Grade Level: 10, 11, 12
Graduation Requirement: Algebra-Based Lab Science, Elec

HOMEWORK: 20 mins / day

PREREQUISITE: The successful student would have skills equivalent to passing Algebra 1.

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

MEDICAL INTERVENTIONS - PLTW

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

Prerequisite: Successful completion of one of the following courses: Principles of Biomedical Science, Human Body Systems, Sports Medicine 2, AP Biology, or AP Chemistry.

Homework: Minimal to 30 mins per week

Purpose: In this course, students will follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and how to prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This is the third year of the Project Lead the Way (PLTW) high school biomedical science curriculum. Previous completion of Principles of Biomedical Sciences and/or Human Body Systems is recommended, but not required.

ORNAMENTAL HORTICULTURE 1



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

HOMEWORK: Minimal

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

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

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



ORNAMENTAL HORTICULTURE 2

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

PREREQUISITE: Ornamental Horticulture 1

HOMEWORK: Minimal

PURPOSE: This year-long dual credit course builds on the knowledge and skills learned in Ornamental Horticulture 1. Students work independently on projects in the greenhouse, including the maintenance of the school hydroponics system. Projects developed through this course will be designed to improve skills in problem solving, public speaking, listening, goal setting, and technical skills related to specific jobs in the Agricultural industry. **SKILLS DEVELOPED:** Projects developed through this course will be designed to improve skills in problem solving, speaking, listening, goal setting, and technical skills related to the environmental horticulture industry.

SPECIAL REQUIREMENTS: Willingness to study and work outdoors. **CLASS VIDEO** [Ornamental Horticulture 2](#)

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



ORNAMENTAL HORTICULTURE 3

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

PREREQUISITE: Ornamental Horticulture 1 and 2

HOMEWORK: Minimal

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

May repeat class. **CLASS VIDEO:** [Ornamental Horticulture 3](#)

PHYSICS

Length / Credit: 1 Year / 1 Credit
Grade Level: 11, 12
Graduation Requirement: Algebra-Based Lab Science, Elective

HOMEWORK: 30 mins / day

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

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

PRINCIPLES OF BIOMEDICAL SCIENCE (PLTW)

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

HOMEWORK: 10 mins / day

PREREQUISITE: None

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

Social Studies Pathways & Courses

Social Studies

3 credits required for graduation

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

Minimum Requirements	Recommended	Accelerated Pathway
3 Credits	3+ Credits	3+ Credits -Emphasis on AP and CHS courses
9th Grade Optional Elective Credit (see options below)	9th Grade Choose One Elective (full year) Both fill 1.0 elective Big History or AP Human Geography	9th Grade Choose One Elective (full year) Both fill 1.0 elective Big History or AP Human Geography
10th Grade Choose One Option Both meet 0.5 Contemp World History requirement and/or 0.5 Elective World History (full year) or Contemp. World Problems "CWP" (semester)	10th Grade Choose One (full year) Fills 0.5 Contemporary World History Credit and 0.5 Elective Credit World History World History/CHS AP World History AP European History	10th Grade Choose One (full year) All fill .05 Contemporary World History Credit and 0.5 Elective Credit World History/CHS AP World History AP European History
11th Grade Fills 1.0 US History Credit - Full Year US History	11th Grade Fills 1.0 US History Credit - Full Year Choose one: US History AP US History/CHS	11th Grade Fills 1.0 US History Credit - Full Year AP US History/CHS
12th Grade Fills 0.5 Civics Requirement- semester Students may choose an additional elective credit 0.5 or 1.0 Civics/CHS	12th Grade Choose One Option: Fills 0.5 Civics Requirement and/or 0.5 elective Civics/CHS (semester + elective if needed (semester) or AP Government & Politics (year) (CHS pending)	12th Grade Fills 0.5 Civics Requirement and 0.5 elective AP Government & Politics (year) (CHS pending)

Social Studies Electives

1.0 credits will be filled with an elective credit

Full year Options:

- AP European History (10-12)
- AP Government & Politics/CHS pending(11-12)
- AP Human Geography (9)
- AP Psychology/CHS (10-12)*
- Big History (9)
-

Semester Options:

- American Law (9-12)*
- Contemporary World Problems/CHS (10-12)
- Criminal Justice (10-12)*
- Economics (10-12)*
- Psychology (10-12)*

Note: some courses listed above CAN be taken as elective credits (ex: If you took World History as a sophomore, you could take AP European History as an elective credit)

AP: Indicates Advanced Placement Course CHS: Indicates opportunity to earn college credit via EWU or CWU *:Indicates CTE course with equivalency opportunity (see page 10 for more information)

Minimum State Required Credits

- 1.0 Credit US History & Government
- .5 Credit Contemporary World History, Geography, or Contemp World Problems
- .5 Credits Civics
- 1.0 Credits Social Studies Electives

Although these are the minimum requirements, it is recommended that students follow the recommended or accelerated pathways.

AP EUROPEAN HISTORY/CHS*



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

HOMEWORK: 30 mins / day

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

PURPOSE: The study of European history since 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.

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

AP GOVERNMENT AND POLITICS/CHS



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

HOMEWORK: 60 mins / day

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

PURPOSE: The Advanced Placement course in Government and Politics covers U.S. government and politics as well as a comparative study of the governmental systems of China, Great Britain, Iran, Mexico, Nigeria, and Russia. This course prepares students for two AP Exams: US Government and Politics and Comparative Government and Politics. The course covers the constitutional underpinnings of the United States government, the formation of political beliefs, political parties, and mass media, the institutions of our government (the

Presidency, Congress, the Supreme Court) and public policy. Students will meet the state civics requirement through studying federalism, civil liberties and rights, elections, and a thorough investigation of both national and international current events. Units have been aligned to address three learning goals for Civics, as outlined in the C3 Social studies framework. These are: 1. Civic and Political Institutions. 2. Participation and Deliberation. 3. Processes, rules, and laws.

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

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

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 PSYCHOLOGY/CHS*



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

HOMEWORK: 45 - 75 mins / day

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

PURPOSE: The AP Psychology course 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.

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

CLASS VIDEO: [AP PSYCHOLOGY FAQ](#): Click [HERE](#)

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

AP U. S. HISTORY/CHS*



Length / Credit: 1 Year / 1 Credit

Grade Level: 11

Graduation Requirement: US History, Social Studies Elective or General Elective

HOMEWORK: 45 mins / day

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

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

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

AP WORLD HISTORY: MODERN



Length / Credit: 1 Year / 1 Credit

Grade Level: 10

Graduation Requirement: World History, Social Studies Elective, or General Elective

HOMEWORK: 45 mins / day

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

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)

AMERICAN LAW



Length / Credit: 1 Semester / 0.5 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Occ. Ed/Soc Studies/Elective

PREREQUISITE: None

HOMEWORK: 30 mins / week

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

SKILLS DEVELOPED: Students will learn about the U.S. court system, constitutional freedoms, fair legal procedure, and types of crimes.

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 is 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/POLI SCI 100/CHS*



Length / Credit: 1 Semester / 0.5Credit
Grade Level: 12
Graduation Requirement: Social Studies or Elective

SATISFIES .5 SENIOR CIVICS REQUIREMENT

HOMEWORK: 15 mins / day

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

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

CONTEMPORARY WORLD PROBLEMS/CHS*



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

HOMEWORK: 15 mins / day

PURPOSE: The semester will be spent examining some of the major social, political, and economic issues facing us in the present and the future. "Contemporary World Problems" will serve as the text and students will study such diverse topics as

Foreign Policy in the Middle East, Europe, Latin America, South Africa, and the former Soviet Union. Also, domestic issues such as crime, health care, and the economy will be studied. Students will be challenged to express their opinion on decisions which will face this country, their community, and foreign countries.

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.

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

CRIMINAL JUSTICE



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

HOMEWORK: Minimal

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

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 take a fieldtrip to Monroe Prison or King County Superior Court.

ECONOMICS

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

Prerequisite: Geometry

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

national income determination, money and the role of financial institutions, economic stabilization, and trade.

PSYCHOLOGY

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

HOMEWORK: 0–15 mins / day

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

SKILLS DEVELOPED: 1. Plan how to study a problem.
2. Locate, gather, & evaluate information; 3. Summarize & draw conclusions; 4. Use listening skills; 5. Read social studies materials with comprehension; 6. Use reference skills.
7. Contribute productivity to group tasks and discussions.
8. Formulate and clarify basic values.

U.S. HISTORY

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

HOMEWORK: 1–2 hours/week

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

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: World History, Studies Elective, 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. **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.
3. Analyzing historical understanding in writing.
4. Constructing an argument using historical evidence.
5. Contributing to group tasks and discussions.
6. Comprehending a variety of social studies materials.



WORLD HISTORY/CHS

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

HOMEWORK: 1–2 hours/week

Like AP Courses, this CHS course is designed to push students in terms of both work load, complexity of content, and in terms of the depth of learning expected, however, there is less homework than found in most AP courses.

PURPOSE: College in the High School World History (CHS) covers all of world history from the Big Bang to the Present (13.82 bya - Now). The goal of this course is to provide students with a survey history of all human history (and a bit from before humans!)

At a college level of rigor and complexity CHS is a project-based course, meaning much of the assessment of learning is done through individual and collaborative projects. It is also a reading and writing course, expect to show learning in written forms (essays, notes, annotations, etc.). There are also traditional assessments (multiple-choice, etc.). Much like AP course themes such as Historical Context, Change & Continuity Over-Time, and Comparison will be used to understand the developments across human history. This course earns students 10 highly transferable university credits through Eastern Washington University (accepted at all State Colleges and most Private Schools in our state, as well as out of state). Please check with the college you are interested in attending to verify their credit equivalency.

Special Services Courses

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

LA 9 RESOURCE

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

HOMEWORK: 15 min/day

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

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

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

LA 10 RESOURCE

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

HOMEWORK: 15 mins / day

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

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

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

AMERICAN LITERATURE RESOURCE

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

HOMEWORK: 15 mins / day

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

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

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

LA 12 RESOURCE

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

HOMEWORK: 15 mins / day

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

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

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

ENRICHMENT

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Elective

HOMEWORK: 15 mins / day

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

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

SKILLS DEVELOPED: Students are provided 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 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Elective

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

HOMEWORK: 15 mins / day

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

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

May repeat class.

FIT FOR LIFE/LIFESKILLS

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Health, P. E., Elective

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.

May repeat class.

MATH 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: Math or Elective

HOMEWORK: 15 min / night

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

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

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

May repeat class.

MATH 3

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

HOMEWORK: 15 min/night

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

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

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

May repeat class.

MATH 4

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

HOMEWORK: 15 min/night

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

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

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

May repeat class.

MATH FOR FINANCIAL LITERACY

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

HOMEWORK: 15 min/night

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

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

individualized and align with the student's IEP goals and objectives. *May repeat class.*

SOCIAL HEALTH

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

HOMEWORK: 15 min / night

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

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

May repeat class.

LIFE SKILLS COURSES

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

LIFE SKILLS 1 - ACQUIRING SKILLS:

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

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

FUNCTIONAL LITERACY 1

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

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

FUNCTIONAL MATHEMATICS 1

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

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

FUNCTIONAL SCIENCE 1

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

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

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

FUNCTIONAL SOCIAL STUDIES 1

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

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

COMMUNITY BASED LIVING 1

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

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

LIFE SKILLS 2 - GENERALIZATION

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

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

FUNCTIONAL LITERACY 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Language Arts

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

FUNCTIONAL MATH 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Mathematics

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

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

FUNCTIONAL SCIENCE 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Science

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

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

FUNCTIONAL SOCIAL STUDIES 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Social Studies

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

COMMUNITY BASED LIVING 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 9-12

Graduation Requirement: Elective credit

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

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

World Language Courses

Required World Language Credits for High School Graduation: 2 Credits

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

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

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 3

Not available via Mount Si for the 2024-25 school year but may be available at local colleges via the Running Start program. See your counselor for more information.

FRENCH DEPARTMENT INTRODUCTION PRESENTATION

FRENCH 1

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

HOMEWORK: 10-20 mins / day

PURPOSE: To introduce students to the language and culture of French-speaking countries. Emphasis is on vocabulary and grammatical structure in all the basic language skills: listening, speaking, reading, and writing. Students learn 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 2

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

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

HOMEWORK: 10-20 mins / day

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

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

FRENCH 3/CHS*

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

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

HOMEWORK: 10-20 mins / day

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

PURPOSE: Students deepen their communication in the target language through speaking, listening, reading, and writing. The curriculum will offer deeper use of the language and will be conducted primarily in French. In addition to use of the text, students will give presentations, read short stories, watch films, and write often to increase proficiency in French. Cultural topics focus on the customs and traditions of the French-speaking world. **SKILLS DEVELOPED:** Increased ability



to understand and communicate ideas in oral and written French. *College Credit is available for this course through the College in the High School Program with Bellevue College.

FRENCH 4

Length / Credit: 1 Year / 1 Credit

Grade Level: 12

Graduation Requirement: World Language, Elective

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

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

HOMEWORK: 10-20 mins / day

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

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

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

GERMAN 1

Length / Credit: 1 Year / 1 Credit

Grade Level: 9, 10, 11, 12

Graduation Requirement: World Language, Elective

HOMEWORK: 10-20 mins / day

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

PURPOSE: To introduce students to the language and culture of the German speaking countries. Emphasis is on vocabulary and grammatical structures in all the basic language skills: listening, speaking, reading, and writing. Students learn 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 2

Length / Credit: 1 Year / 1 Credit

Grade Level: 10, 11, 12

Graduation Requirement: World Language, Elective

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

HOMEWORK: 10-20 mins / day

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

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

SKILLS DEVELOPED: Increased ability to understand and communicate ideas and thoughts in the German language and heightened awareness of the culture of the German speaking countries.



GERMAN 3/CHS*

Length / Credit: 1 Year / 1 Credit

Grade Level: 11, 12

Graduation Requirement: World Language, Elective

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

HOMEWORK: 10-20 mins / day

OTHER INFORMATION: Students may participate in a low-cost exchange program with a German high school located in Gladbeck, Germany. Students may request college credit through University of Washington for this course.

PURPOSE: To enhance comprehension and to continue acquiring oral and written proficiency using more advanced materials. **SKILLS DEVELOPED:** Reading, writing and conversational (oral) competencies will be developed.

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

GERMAN 4

Length / Credit: 1 Year / 1 Credit

Grade Level: 12

Graduation Requirement: World Language, Elective

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

HOMEWORK: 10-20 mins / day

PURPOSE: To enhance comprehension and to continue acquiring oral and written proficiency using more advanced materials. **SKILLS DEVELOPED:** Reading, writing, and oral proficiency with advanced grammar and syntax. Completion of the course, combined with specific A.P. preparation, may enable students to qualify for A.P. credit. **COST:** AP exam fee

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

SPANISH 1

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

HOMEWORK: 10-20 mins / day

PURPOSE: The focus of Spanish 1 is to provide you with a solid foundation of Spanish vocabulary, grammar, and culture. You will be given a variety of opportunities to develop all four basic skills of language: listening, speaking, reading, and writing. In addition, you will be provided with opportunities to gain cultural insight into the Spanish-speaking world through an assortment of sources and activities, such as readings, videos, presentations, and projects. Class emphasis will be on interactive communication, and you will be expected to be an active class participant.

SKILLS DEVELOPED: The student will develop the ability to understand, to speak, to read, and to write Spanish at an elementary level. Emphasis will be placed on listening skills.

SPANISH 2

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

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

HOMEWORK: 10-20 mins / day

PURPOSE: In Spanish 2, you will review, reinforce, and expand the skills introduced in Spanish 1. Because there is an increased amount of material to be learned, you will need to increase your efforts to maintain your previous level of achievement. Listening comprehension, speaking, writing, and reading comprehension exercises become increasingly more complex and expressive. The uses of the two past tenses are emphasized. As in first year, awareness of and sensitivity to the geographical and cultural variety of the Spanish-speaking world is fostered. You will be assessed on all four proficiencies through classroom participation, quizzes, tests, and group and individual projects that highlight cultural materials and encourage self-expression.

SKILLS DEVELOPED: Increased ability to comprehend, to speak, to read and to write Spanish at a more advanced level. Emphasis will be placed on speaking skills.

SPANISH 3/CHS*

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

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

HOMEWORK: 10-20 mins / day

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

PURPOSE: In Spanish 3, you will refine the language skills and review materials introduced during Spanish 1 and 2. You will progress to more extensive, advanced vocabulary, master more complex grammatical structures, and study many more verb tenses of Spanish. You will develop self-expression in Spanish, rather than relying on memorized patterns and rote responses. Spanish language cultural materials studied will include non-fiction and short fiction pieces, and other Materials. In-class activities will include writing, reading, listening, speaking, and cultural activities. Your language skills will be assessed through classroom participation, project work, presentations, and performance on tests and quizzes. Mastery from first- and second-year Spanish will be tested, but it may not be taught specifically in the third-year classroom.

SKILLS DEVELOPED: Comprehension, reading, writing, and speaking. * Indicates opportunity to earn college credit through College in the High School. See page 7 for further information. *College Credit is available for this course through the College in the High School Program with Bellevue College.

SPANISH 4/CHS*

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

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

HOMEWORK: 0-30 mins / day

PURPOSE: Spanish 4 prepares students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. Spanish IV promotes students' understanding of the relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

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



SPANISH FOR HERITAGE SPEAKERS

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

ENROLLMENT UPON TEACHER APPROVAL

HOMEWORK: 10-20 mins / day

PURPOSE: This course offers students who can speak and understand spoken Spanish the opportunity to study the language formally in an academic setting. The course allows students to reactivate their home Spanish, learn about Spanish-speaking cultures, acquire, or refine Spanish literacy skills, and to develop or augment Spanish academic language skills that can be transferred into English and other subject areas and enhance future career opportunities. In addition, students will develop strategic Spanish academic vocabulary, learn to critically analyze literary and non-literary texts and poetry, and study cultural, historical, and political issues.

Este curso ofrece a los estudiantes que hablan el español en sus casas la oportunidad de estudiar la lengua española de una manera formal en un ambiente académico. El curso permite reactivar el español que los estudiantes han aprendido previamente y llevarlo a un nivel superior, para poder aprender más acerca de su idioma y de su herencia cultural. Así mismo para adquirir, mejorar o reforzar sus habilidades en lecto-escritura, expresión oral e interpretación. También para desarrollar y aumentar las estrategias y destrezas académicas que puedan ser transferidas al inglés y otras materias y así elevar las posibilidades de abrirse camino en el mundo laboral. Los estudiantes desarrollan un lenguaje académico, aprenden a analizar diferentes tipos de textos de una manera crítica teniendo en cuenta el contexto cultural, histórico y político

SPANISH FOR HERITAGE SPEAKERS 2

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

Prerequisite: Spanish for Heritage Speakers

HOMEWORK: 10 min/week

PURPOSE: An extension of Heritage Spanish 1, this course offers students who completed the first course the opportunity to continue studying the language formally in an academic setting. The course allows students to learn about Spanish-speaking cultures, refine Spanish literacy skills, and augment Spanish academic language skills that can be transferred into English and other subject areas

and enhance future career opportunities. In addition, students will develop strategic Spanish academic vocabulary, learn to critically analyze literary and non-literary texts and poetry, and study cultural, historical, and political issues. Heritage II students will focus on deep improvement in writing and reading skills.

PROPÓSITO: *Una extensión de Heritage Spanish 1, este curso ofrece a los estudiantes que completaron el primer curso la oportunidad de continuar estudiando el idioma formalmente en un ambiente académico. El curso permite a los estudiantes aprender sobre las culturas de habla hispana, perfeccionar las habilidades de alfabetización en español y aumentar las habilidades del lenguaje académico en español que pueden transferirse al inglés y otras áreas temáticas y mejorar las oportunidades profesionales futuras. Además, los estudiantes desarrollarán vocabulario académico estratégico en español, aprenderán a analizar críticamente textos literarios, no literarios y poesía. En este curso, estudiarán asuntos culturales, históricas y políticos. Los estudiantes de Heritage II se concentrarán en profundizar sus habilidades de escritura y lectura.*

**AP SPANISH LANGUAGE AND CULTURE**

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

PREREQUISITE: Spanish 4 or teacher permission based for native or heritage speakers.

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

HOMEWORK: 0-30 mins / day

PURPOSE: This course is designed to help you develop your written composition and conversation skills using authentic materials and sources. The language of instruction is Spanish, and the curriculum follows guidelines set by the College Board. You will improve your ability to comprehend formal and informal spoken Spanish, expand your Spanish vocabulary and grasp of structure, enhance your ability to read Spanish language literature, write expository passages, and express ideas orally. Spanish cultures will be studied through authentic materials and/or projects.

Some colleges and universities award college credit for qualifying scores on the AP examination; others administer their own language placement examinations. Full participation in an AP course is expected and all students are encouraged to

take the AP examination, for which you will be prepared throughout the year. This exam is optional, however.

SKILLS DEVELOPED: Students will use the Spanish language to develop and demonstrate their proficiency in Interpersonal, Interpretive, and Presentational communications. Students will develop and demonstrate their abilities to synthesize and analyze authentic written texts in the Spanish language. They will enhance their abilities to express themselves through writing in the target language as well.

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

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