GLACIER PEAK HIGH SCHOOL

COURSE CATALOG 2026-2027



Glacier Peak High School

Preparing students to lead extraordinary lives.

This course catalog is for Glacier Peak High School. Students will use this guide to plan their courses for the 2026-2027 school year. Our goal is to provide the best education possible for all students. Choosing the right course for the right reasons is the best way to ensure a quality education. Students and families should take the time to plan the type of education that both challenges and supports future goals.

In this course catalog, you will find information about high school graduation and college entrance requirements. Teachers, counselors, and administrators are available to answer questions regarding appropriate courses of study. Do not hesitate to take advantage of the knowledge of these professionals in helping to make informed decisions.

2026-2027

Course Catalog

Glacier Peak High School

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Snohomish School District

Graduation Requirements

- **Credit and Subject Area Requirements**

- **High School and Beyond Plan**

- **Graduation Pathway Options**

- **Washington State History**

- **8 Hours of Community Service**

Minimum High School Graduation Requirements
for Class of 2027 and Beyond

Credit Requirements
The subjects listed below are required for graduation and must be included in the 24 credits.

Subject	Credits	Specific Courses
English	4.0	• Freshman year – 1.0 credit Freshman English or Freshman Honors English • Sophomore year – 1.0 credit Sophomore English or Sophomore Honors English • Junior year – 1.0 credit Junior English or AP English Language • Senior year – 1.0 credit English elective or AP English Literature
Social Studies	3.0	• Sophomore year – 1.0 credit World History or AP World History • Junior year – 1.0 credit U.S. History or AP U.S. History • Senior year – 1.0 credit Government or AP US Government and Politics or AP Comparative Government.
Math	3.0	• Three consecutive credits of math- Algebra, Geometry (or higher), and a third credit of math* based on the student's High School & Beyond Plan
Science	3.0	• Three credits of Science*- including at least one Life Science, one Physical Science. Two must be lab sciences.
Physical Education	1.5	• Three semesters of Physical Education
Health Education	0.5	• One semester of Health
Career and Technical Education (CTE)	1.0	• Two semesters of CTE
Arts	2.0	• Two credits Art OR • One credit Arts and 1.0 credit Personal Pathway**
World Language	2.0	• Two credits World Lang*** OR • Two credits Personal Pathway**
Electives	4.0	• Any classes in addition to the above requirements
Totals	24.0	

*The 3rd credit of science and the 3rd credit of math are chosen by the student based on the student's interest and High School and Beyond Plan, and approved by the parent or guardian, or if the parent or guardian is unavailable or does not indicate a preference, the school counselor or principal (WAC 180-51-068).
** Personal Pathway Requirements: Three credits that lead to a specific post-high school career outcome chosen by the student, based on the student's interests and High School & Beyond Plan.
*** Students who can fluently read, write, speak, and listen in a language other than English can earn up to four high school credits depending on the level of proficiency they demonstrate on a district approved assessment. Additional information may be found on the Glacier Peak website under Students/World Language Proficiency Testing for Credit.

Graduation Pathway Options

Graduation pathway options allow students to pursue a personalized, meaningful education that results in a diploma and skills needed for college or career. All students can use new pathways, and they are equal in value.

CTE Sequence

Complete a sequence of Career and Technical Education (CTE) courses.*

Dual Credit

Earn at least one high school credit in ELA and at least one high school credit in math in dual credit courses (Running Start, College in the High School, and/or Career and Technical Education dual credit courses).

AP/IB/Cambridge

For both ELA and math, earn a 3 or higher score on certain Advanced Placement (AP) exams or a 4 or higher on certain International Baccalaureate (IB) exams or an E on certain Cambridge International exams, or pass the course with at least a C+.

SAT/ACT

Meet or exceed the graduation scores set by SBE in the math and ELA portions of the SAT or ACT.

ASVAB

Meet standard on the ASVAB (Armed Services Vocational Aptitude Battery) by scoring at least the minimum established by the military for eligibility to serve in a branch of the armed services. *

State Assessment

Meet or exceed the graduation scores in the Smarter Balanced Assessments (SBA) in English language arts (ELA) and mathematics or in WA-AIM (Washington Access to Instruction & Measurement).

Combination

Meet any combination of at least one ELA and one math option of those pathway options listed previously.

**Note: Students who pursue these pathways (ASVAB or CTE) do not need to meet English and math requirements separately. English and math content are embedded in both pathways—and a student who meets either the ASVAB standard or the CTE pathway requirements has met the graduation pathway requirement.*

The Washington State
BOARD OF EDUCATION
sbe.wa.gov/pathways

Advanced Placement Courses

AP courses are college-level courses. They are engaging and rigorous, setting high academic standards and establishing behavior and study habits consistent with success in college. All AP courses are full-year courses and will prepare students to take the AP tests given in May.

GPHS offers a variety of AP courses; it is advised that students consider which courses will best serve their long-term goals in preparing for post high school success. Students should understand that they are enrolling in college-level courses. Students considering AP courses should talk with other students, teachers, counselors, and parents to make the choices that would best contribute to a successful high school and college career. We offer these courses as a demonstration of our commitment to excellence and intend that they will be a positive experience for all involved. The number of AP courses a student takes should also be considered. Please note that these courses require more of a time commitment to being successful.

The AP examinations are offered annually to give high school students opportunities to demonstrate college-level achievement. Please see the College Board for complete AP information. Benefits vary according to the college attended. Among these benefits are:

- Exemption by colleges or universities from beginning courses and permission for students to take higher-level classes in a specific field.
- Academic college credit awarded for examinations taken based on qualifying test scores.
- College tuition savings — credit may be given for qualifying AP test scores of three or higher (varies by institution).
- Eligibility for college honors and other special programs open to students who have received AP recognition.

AP classes offered are:

AP Art-Drawing, 2D, 3D
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Comparative Government
AP Computer Science A
AP Computer Science Principles
AP English Language and Composition
AP English Literature and Composition
AP Microeconomics / AP Macroeconomics
AP Physics
AP Statistics
AP US Government and Politics
AP US History
AP World History

All AP courses are subject to minimum enrollment numbers for them to run. Recent fees for AP testing have been under $100.00 and need-based financial assistance may be available for students who cannot afford the test fee. Students sign-up and pay for AP tests in November for tests administered the following May.

Students interested in taking any of these examinations should contact their AP course instructor for sign-up information. AP end of course exams are traditionally given in May and are scheduled by the College Board organization.

***Please check with the instructor for additional credit opportunities and fees.**

Summer Assignments

For a current list of AP courses with summer assignments and to view the specific assignments please see the Glacier Peak High School website under Students/Summer Assignments.

NCAA Approved Courses

Students interested in pursuing Division I or II athletics need to register with the NCAA eligibility center. Athletes need to complete 16 core courses from the NCAA approved list to be eligible for collegiate athletics. Core courses have GPA requirements and SAT or ACT score requirements. The NCAA requirements may exceed the admission standards for a school. For more information visit the NCAA eligibility center website: www.gphs.sno.wednet.edu/student-life/course-registration-information/gp-course-catalog/ncaa.The National Collegiate Athletic Association (NCAA) has specific rules concerning High School courses you take. Below is a list of approved courses offered here at Glacier Peak.

Note: Courses listed below are in alpha order vs. the grade level to be taken.

English	Social Studies	Mathematics	Natural/Physical Science	Additional Core Courses
AP English Language & Composition	AP Comparative Government & Politics	Algebra 1	Advanced Molecular Biology for Global Health	Chinese 1
AP English Literature & Composition	AP Microeconomics / AP Macroeconomics	Algebra 2 w/Trigonometry	Animal Biology	Chinese 2
British Literature	AP US Government & Politics	AP Calculus AB and BC	AP Biology	Chinese 3
Creative Writing	AP US History	AP Statistics	AP Chemistry	Chinese 4
	AP World History	Geometry	AP Physics	German 1
English 9	Civics & Current Issues	Math in Society	Biology	German 2
Honors English 9	Civics & Economics	Pre-Calculus	General Chemistry	German 3
English 10	Civics & Environmental Issues		Chemistry of the Earth Systems	German 4
Honors English 10	Civics & Law/Contemporary World Issues		Environmental Science	Spanish 1
English 11	Law and Business Ethics		Forensic Science	Spanish 2
Modern Fiction	Modern World History		Human Anatomy & Physiology	Spanish 3
Multicultural Literature	Psychology of the Self		Marine Biology	Spanish 4
Mythology in Literature	US History		Molecular Biology for Global Health	
Science Fiction			Physics	
			AP Computer Science Principles (no lab)	

NCAA Resources

Please see the Glacier Peak High School NCAA Student Athletes page for resources to support the student athlete. Resources include:

- Guide for the college bound athlete
- NCAA approved GPHS core courses
- Core course requirements for NCAA Division I or II athlete
- Core course planning worksheets for Division I and II
- Understanding initial-eligibility standards for student-athletes

College In the High School Availability

Students may earn college credit through Everett, Eastern, and Edmonds Community Colleges by taking one of the specific GPHS courses listed below if it is available with our staff. **These classes are subject to change - they require community college approval on a yearly basis.** See the appropriate subject area teacher for details. Registration is on-line through Everett Community College, Eastern, and Edmonds Community College in the fall and/or spring. **There is no fee for college in the high school credit, but registration is required**. There is no maximum number of credits available to students, students registering for credits more than 20 credits must complete an additional form. **For more information, please visit the Everett, Eastern, or Edmonds colleges listed below.**

GPHS Course	Everett Community College Equivalency	College Credits
AP Biology (SCI601/SCI602)	Survey of Biology (BIOL&100)	5
AP Calculus AB (MAT605/606)	Calculus 1(Math&151)	5
AP Calculus BC (MAT607/608)	Calculus 2(Math&152)	5
AP Language & Composition (ENG601/ENG602)	English Composition I (ENGL&101)	5
AP Literature & Composition (ENG605/ENG606)	Intro to Literature/Reading Todays Authors (ENGL&111/ENG&125)	10
AP Physics (SCI613/SCI614)	General Physics I, II, and III (PHYS&114, PHYS&115 and PHYS&116)	15
AP Statistics (MAT601/MAT602)	Introduction to Statistics (MATH&146)	5
British Literature (ENG 405)	Intro to Literature (ENG& 111)	5
Chinese 2 (WLC201/WLC202)	Chinese II (CHIN&122)	5
Chinese 3 (WLC301/WLC302)	Chinese III (CHIN&123)	5
Environmental Science (SCI365/366)	Introduction to Environmental Science (ENVS&101)	5
General Chemistry (SCI 311/312)	Intro to Chemistry (CHEM&121)	5
GP Student Media (Publications) (CTA203/CTA204)	Student New Media (JOURN 170)	**6**
Math in Society (MAT601/602)	Math in Society (MATH&107)	5
Modern Fiction (ENG407)	Intro to Literature (ENGL&111)	5
Physics of the Universe (SCI401/402)	Concepts and Connections (PHYS102)	5
Pre-Calculus (MAT401/MAT402)	Pre-Calculus I & II: College Algebra & Trig (MATH&141 and MATH&142)	10
Spanish 2 (WLS201/WLS202)	Spanish II (SPAN&122)	5
Spanish 3 (WLS301/WLS302)	Spanish III and Spanish IV (SPAN&123 and SPAN&221)	10
Spanish 4 (WLS401/WLS402)	Spanish V and VI (SPAN&222, SPAN&223)	10
GPHS Course	Eastern Washington University	**College Credits**
German 2 (WLG201/202)	German 2 (GERM&101)	5
German 3 (WLG301/302)	German 3 (GERM&102)	5
German 4 (WLG401/402)	German 4 (GERM&103)	5
GPHS Course	Edmonds Community College	**College Credits**
AP US Government and Politics (SOC609/610)	American Government/State and Local Government (POL&202/POLS&206)	**10**
AP Micro & Macro Economics (CTB601/602)	Economics: Micro (ECON&201) & Economics: Macro (ECON&202)	**10**
AP US History (SOC605/606)	United States History 1&2 (HIS&147/HIS&148)	**10**
AP Comparative Government (SOC613/614)	American Government/Introduction to International Relations (POLS&202/POLS&203)	**10**

Admission Requirements for Four-Year Colleges and Universities

Admission and Eligibility

Most universities employ a comprehensive or holistic review process. Actual admission criteria vary considerably. Please visit the college's website for specific admissions requirements. Colleges *may* use the following criteria when selecting students.

- Grade point average (GPA)
- SAT/ACT score
- Rigor of high school course selections (CADRs)
- Letters of recommendation
- Service and leadership activities
- College essay

Glacier Peak CEEB code: 481211

College Academic Distribution Requirements (CADR) and Admission Standards:

The Washington Student Achievement Council establishes minimum admission standards for four-year institutions in Washington state. These standards may differ from high school graduation requirements that are determined by the State Board of Education. College Academic Distribution Requirements (CADR) reflect the minimum number of credits required in six subject areas that students must earn to be eligible for routine admission consideration by the four-year public baccalaureate institutions. Meeting the minimum college admission standards does not guarantee admission. Students are encouraged to go beyond meeting minimum college admission standards to improve their chances for gaining entry to a public baccalaureate institution.

College Academic Distribution Requirements (CADR) Coursework:

English – 4 credits including 3 credits of college preparatory composition or literature. One credit may be satisfied by courses in drama, literature, public speaking, debate, journalistic writing, business English, English as a Second Language, or learning support English. Not accepted: Remedial or applied courses, acting, basic English skills, developmental reading, library, newspaper staff, vocabulary, yearbook or annual.

Mathematics – 3 credits: Algebra 1, Geometry, and Algebra II. Note: Successful completion of math through Pre-Calculus meets the requirement for 3 credits of math and the senior year quantitative math requirement (below).

Senior Year Math-Based Quantitative Course: During the senior year of high school, students must earn credit in a math-based quantitative course. This requirement may be met through enrollment in one of the three required math courses listed above; or by completing a math-based quantitative course like statistics, applied math, or appropriate career and technical courses; or by completing an algebra-based science course taken during the senior year that would satisfy this requirement and part of the science requirement below. Note: The senior-year math requirement does not mean a 4th credit of math is required, nor does it require a higher level of math; the intent is for seniors to take meaningful math. Exception: Completion of higher-level math prior to the senior year exempts students from the senior-year quantitative course requirement (Pre-Calculus and beyond).

Science – 3 credits of science including two years of laboratory science are required for admission to public baccalaureate institutions. One credit must be in an algebra-based science course as determined by the school district. One credit must be in biology, chemistry, or physics (this course may also meet the algebra-based requirement). The principles of technology courses taught in Washington State high schools may apply toward the laboratory science requirement. Note: Most colleges and universities specify that one credit must be an algebra-based chemistry or physics course.

World Languages – 2 credits must be earned in the same World Language, Native American language, or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board

of Education policy, the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines, or the Washington State Seal of Biliteracy (RCW28A.300.575).

Social Science – 3 credits of history or other social science (Examples: world history, US history, anthropology, contemporary world problems, economics, geography, government, political science, psychology, or sociology.)

Arts – 1 credit of art is required – or one credit beyond the minimum in any other CADR subject area. Acceptable course work in the fine, visual, or performing arts includes art appreciation, band, ceramics, choir, dance, dramatic performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, or sculpture. **Note:** The University of Washington and Western Washington University specify that one-half credit of this requirement must be in the fine, visual, or performing arts. The other half may be in the arts or in an academic elective. Some out of state schools may require full credit of art in the same genre.

Standardized Entrance Testing

Most Washington colleges no longer require high school seniors to take standardized tests like the SAT or ACT. Check with each college directly for the latest admissions information. Test registration is online, by mail or phone. Registration information is available in the College and Career Center. The Snohomish School District will be offering the ACT (American College Test) free of charge for all high school juniors. The test will be administered during the school day on campus. This is an amazing opportunity for students to take a college entrance exam at no cost to families and for our school district to collect data that will help improve student learning. As a district, offering the ACT for free, reflects our commitment to eliminating barriers to career and college readiness. It is recommended that students take either the ACT or SAT in the spring of their junior year and then, if necessary, again in the fall of their senior year. Juniors may take the Preliminary-SAT (PSAT) in October as practice for the SAT and to qualify for highly competitive National Merit Scholarships. Sophomores with high academic ability may take the PSAT; however, they will need to take it again during their junior year if they wish to compete for National Merit Scholarships. To learn more about the ACT, please visit www.act.org. To learn more about the PSAT and SAT, please visit www.collegeboard.org. College Board has a complete list of universities that require SAT for admissions.

Prospective College-Bound Athletes

Potential athletes at NCAA Division 1 or 2 levels must complete a rigorous course of study beginning in 9th grade. Athletes must also meet or exceed college entrance requirements. For more information, visit NCAA Eligibility Center website https://web3.ncaa.org/ ecwr3/ and click on the register button. Glacier Peak approved core courses are available on page 12 and can be found on the eligibility center website.

Preparation for Community College or Technical/Vocational Schools

Whatever you're interested in doing , whether transferring to a university, training for a career or getting the basics, Washington state community and technical colleges have classes, programs and majors for you. Washington offers broad access to students through its 34 community and technical colleges, whose open admissions policies are designed to eliminate barriers between students and post-secondary education. However, some admission standards do apply. Get more information from the State Board for Community and Technical Colleges.

Students considering a community college or technical/vocational school should take challenging courses throughout high school to be adequately prepared for college level coursework. Unprepared students may need to pay full tuition for remedial classes at the community college, which will not count toward degree programs or transfer credits to a four-year university. Unprepared students attending technical colleges may need to pay full tuition for prerequisite classes for their desired program. As a result, it may cost students more money and take them longer to acquire degrees or certificates.

Financial Aid

State and Federal student aid is available by completing the Free Application for Federal Student Aid (FAFSA) or the Washington Application of State Financial Aid (WASFA). The application opens October 1 each year. Federal Aid is awarded in the form of grants, work study, unsubsidized/subsidized student loans and parent loans. State Financial Aid is awarded in the form of the Washington College Grant, College Bound Scholarship, State Work Study, Passport to Careers and the Opportunity Grant. Each institution has FAFSA deadlines, and it is recommended you complete the FAFSA as soon as it opens in October of your senior year. The FAFSA website is https:// studentaid.gov/. In addition to the FAFSA more than 400 colleges, universities, professional schools and scholarship programs use the CSS Profile (College Scholarship Service Profile). This is an online application for non-federal student financial aid. Check the College Board's website for a list of schools and institutions that require the CSS Profile application.
Glacier Peak's College and Career Center (in the library) has further information regarding financial aid and college scholarships.

Scholarships

Colleges, universities, businesses, organizations etc. offer scholarships to high school students. The College and Career Center posts scholarship opportunities on https://www.sno.wednet.edu/gphscareercenter.

Local Scholarship Program: The Snohomish Education Foundation manages multiple scholarships for Snohomish School District Students. Applications are available in February of each year.

General Scholarships: A variety of businesses and organizations offer scholarships to students. Check with your employer/parents' employer, clubs, or organizations you or they belong to. Thewashboard.org will connect you with scholarships just for Washington residents. National scholarship search engines such as goingmerry.com, bigfuture.com, fastweb.com and scholarship.com can help you find scholarships offered across the nation.

Institutional Scholarships: Most institutions (colleges, universities, tech schools) offer scholarships for their students. Once you apply to a college you can start applying for their scholarships. Check their website and Financial Aid office for opportunities.

Fine Arts

The Arts are creative expressions using sound, image, action, and movement. They are a means to satisfy the human need to communicate thoughts, feelings, and beliefs. The Arts engage those capacities most characteristically human imagination, creativity, and the ability to conceptualize and solve complex problems by stimulating thinking skills that are essential to learning.

Visual Arts

Art 1: Introduction to Art
FAV101
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 Visual/Performing Art credit
This survey class introduces a variety of media and perspectives in art that will enable students to express themselves in a visually dynamic manner and function in our image-oriented world. This is a prerequisite course to most art classes.

Art 2: Drawing and Painting
FAV201
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 Visual/Performing Art credit
Fee: $20 Lab fee Prerequisite: Art 1
This class is designed for students to further explore drawing, painting, and printmaking. They will learn how to create interesting and dynamic compositions through use of traditional media. This class will use art history as a way to discover and understand what makes an artist.

Art 3: Advanced Art
FAV301/302
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 Visual/Performing Art credit
Fee: $40 Lab fee
Prerequisites: Art 1 and Art 2
This class is designed for serious art students to improve their technical and visual communication skills. Assignments focus on drawing and composition in various media. Art

criticism, multicultural art, art history, aesthetic judgment, and problem solving are integral parts of art student development. This course is recommended for highly motivated students.

Art 4: AP Art
FAV601/602
Open to Grade(s): 11, 12
Length: 1 year
Credit(s): 1.0 Visual/Performing Art credit
Fee: $60 Lab fee per year
Prerequisites: Art 1, Art 2 and Art 3
This one-year class for highly motivated and skilled art students emphasizes the development of art portfolios for college/art school entrance and scholarship competitions. Three portfolio options are available: a drawing portfolio, a 2-D design portfolio and a 3-D design portfolio. Art history and evaluation of art are an integral part of class. This class will prepare students to take the AP 2-D Art and Design, AP 3-D Art and Design and AP Drawing exam in May, which if passed, may grant college credit at participating colleges. Students are advised that work time outside of class time is required. This course can be repeated for credit.

Crafts
FAV102
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s) 0.5 Visual/Performing Art credit
Fee: $20 Lab fee
This class is different from Art 1 and Art 2 in that there are more “hands on” art projects. Students will apply various methods and
techniques of two-dimensional and three-dimensional media in unexpected ways. These skills will be combined so students can apply the visual language of art to a wide variety of fun artworks. This class gives students analytical and creative skills they can use all their lives.

Ceramics 1
FAV205
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 Visual/Performing Art credit
Prerequisite: Art 1
During the first semester of Ceramics, students are introduced to the many ways of working with clay. Both hand building and potter's wheel work are significant parts of the class. Students will concentrate on forming techniques such as hump mold, slump mold, and slab building, as well as sculpting with clay. Students will learn glazing techniques using both dipping glazes and under glazes.

Ceramics 2
FAV305
Open to Grade(s): 10, 11, 12
Length: 1 semester
Credit(s): 0.5 Visual/Performing Art credit
Fee: $35 fee
Prerequisite: Ceramics 1
During the second semester of Ceramics students will concentrate on refining skills in hand building and wheel throwing. The projects will be larger and more involved, paying attention to scale and the visual language of Art. Advanced wheel throwing methods as well as glazing techniques are studied. This class is for students motivated to learn more about ceramics.

Ceramics 3
FAV405
Open to Grade(s): 10, 11, 12
Length: 1 semester
Credit(s): 0.5 Visual/Performing Art credit
Fee: $35 fee
Prerequisite: Ceramics 2
Students will develop their individual style by focusing on complexity of technique, attention to detail and sophistication of content in their ceramic portfolio of work. They must critique their work using description, analysis, interpretation and judgment. Students in Ceramics 3 must work independently within the structure of another class. Strong motivation, commitment and leadership are expected.

Performing Arts

Band

Concert Band
FAB101/102
Open to Grade(s): 9, 10, 11, 12
Length: year
Credit(s) 1.0 Performing Arts credit
This class is open to all wind instrumentalists and focuses on the development of each student's technical. This class will concentrate on applying fundamental skills to entertaining and exciting concert band literature. Concert Band gives various public performances during the year and will participate in the MPMEA District Band Festival. Private lessons for students in Concert Band are recommended. Freshman members of Concert Band are expected to participate in the *Marching/Pep Band during the football season. See description of the Marching/Pep Band.

Intermediate Jazz Band
FBA305/306
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit
Prerequisite(s): By audition only
This zero-hour class is open to all interested students. Students are exposed to many different styles of big band music and will be encouraged to develop improvisational skills. The band will give public performances in the community as well as festivals and competitions throughout the Northwest.

Advanced Jazz Band
FAB405/406
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit
Prerequisite(s): By audition only. Must be enrolled in one of the three Concert bands (guitar, bass and piano may be excluded from this). This zero hour class will expose students to many different styles of big band music, and will encourage band members to develop improvisational skills. The bands will give public performances in the community as well as festivals and competitions throughout the Northwest.

Symphonic Band
FAB201/202
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit
Prerequisite(s): By audition only
Symphonic Band will focus on the performance of quality literature from the band repertoire. Enrollment is based on audition and is limited to ensure proper balance of the ensemble. Selection of music for this class will enhance the development of each individual's musical technique and expression. Symphonic Band will give local public performances throughout the year as well as regional festivals and competitions. Private lessons for students in Symphonic Band are recommended.

Percussion Ensemble
FAB301/302
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit
Prerequisite(s): One year of Concert Band
All percussionists should enroll in this class. The class will focus on development of technical and interpretative skills on the full range of concert percussion instruments. (Note: drum set instruction is not included in this class). Percussion Ensemble performs on its own and provides support for the concert ensembles and *Marching/Pep Band. Proper care and maintenance of instruments will also be taught. Private lessons for students in Percussion Ensemble are recommended. Freshman members of Percussion Ensemble are required to participate in the Marching/Pep Band during the football season.

Marching/Pep Band

This is the band that the public thinks of as the high school band. It supports the teams by performing at all home football games, selected boy's and girls' basketball games and entertains the town at our two local parades. To prepare for the season, a week-long band camp will be held during the second week of August. There is a fee to cover the cost of uniform maintenance and additional instructional staff. Contact your Band Director regarding specific fee amounts. Scholarships may be available from Band Boosters for students who need financial assistance.

*This is a club, not for course credit.

Wind Ensemble
FAB401/402
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit
Prerequisite(s): By audition only
Wind Ensemble is a performance-oriented course for advanced wind players. Enrollment is based on audition and is limited to ensure proper balance of the ensemble. Wind Ensemble will give public performances within the community as well as festivals and competitions throughout the Northwest. Private lessons for students in Wind Ensemble are recommended.

Choir

Concert Choir
FAC101/102
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit
Prerequisite(s): Open to all – no experience necessary
Fee: Students must purchase their concert attire which will remain the property of the student.
This class is open to all students who love to sing. Prior choral or music background is helpful but not required. This is a year-long course. Students will have fun building friendships as they learn good vocal technique through the performance of a wide variety of musical styles. The fundamentals of reading music and choral musicianship will be the core focus of this class. Concert Choir performs at four concerts per year as well as various festivals and competitions.

Symphonic Choir
FAC301/302
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit
Prerequisite(s): Concert choir or prior choral experience is required. Audition also required Fee: Students must purchase their concert attire which will remain the property of the student. Membership of this choral ensemble is open to students who love to sing and have prior choral experience. The core focus of this class will be learning challenging repertoire over a wide variety of styles and advanced choral musicianship. Symphonic Choir performs at four concerts per year as well as various festivals and competitions. Private lessons are recommended for members of the Symphonic Choir.

Jazz Choir
FAC303/304
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 Performing Arts credit/1.0 Fine Arts
Prerequisite(s): Auditions required, must be enrolled in either Concert Choir or Symphonic Choir Fee: Students must purchase their concert attire which will remain the property of the student. This **zero hour** class is open to all students who love to sing. Prior choral or music background is helpful but not required. This is a year-long course. Students will have fun building friendships as they learn good vocal technique through the performance of a wide variety of musical styles. The fundamentals of reading music and choral musicianship will be the core focus of this class. Concert Choir performs at four concerts per year as well as various festivals and competitions.

Other Info: Vocal Jazz will meet outside of the regular school day to accommodate students' schedules. Students may travel to attend festivals and competitions. Students from this class are eligible to participate in the DeMiero Jazz Festival and audition for state honor groups.

The following CTE courses are also Course Equivalencies for Art. Full descriptions can be found in the CTE section of this course catalog.

CTE Approved Equivalences for Art Credit*			
Course Title	**Approved Equivalencies**		**Page**
Introduction to Digital Arts	0.5 Art	0.5 CTE	71
Photography 1	0.5 Art	0.5 CTE	71
Photography 2	0.5 Art	0.5 CTE	72
Computer Graphics	0.5 Art	0.5 CTE	72
Digital Video	0.5 Art	0.5 CTE	73
GP Student Media	1.0 Art or English	1.0 CTE	63
CADD Fundamentals	0.5 3rd yr Art OR Math	0.5 CTE	68
Advanced CADD/CAM 1	1.0 Art Or 3rd yr Math	1.0 CTE	69
Advanced CADD/CAM 2	1.0 Art Or 3rd yr Math	1.0 CTE	69
Interior Design	0.5 Art	0.5 CTE	66

*NOTE: CTE equivalencies may not meet the English requirements for four-year college and admissions (CADR page 11). Please check with your school counselor for more information.

English 4.0 Credits Courses by Grade Level

English Sequence

9th grade	English 9 **or** Honors English 9
10th grade	English 10 **or** Honors English 10
11th grade	English 11 **or** AP English Language and Comp
12th grade	AP English Literature and Comp **or** Two semesters of Senior English

English

Courses in the English department are designed to help students become confident writers and oral communicators; to challenge students to be creative and critical thinkers, and to instill a love of reading for entertainment, education, and enlightenment.

Freshman English

English 9
ENG101/102
Open to Grade(s): 9
Length: 1 year
Credit(s): 1.0 English credit
This course entails the development and refinement of students' reading, writing, speaking and analytical skills through the study of selected literature. Students will study selected short stories and poetry, at least one modern novel and several pieces of classic literature. At the

same time, students will continue to develop writing skills through the study of grammar, the writing process, and expository writing assignments.

Honors English 9
ENG191/192
Open to Grade(s): 9
Length: 1 year
Credit(s): 1.0 English credit
An enrichment course designed for students of high academic ability who welcome the challenge of assignments requiring extensive out-of-class reading. Students will study selected short stories, poetry, novels, plays, and several pieces of classic literature including The Odyssey and Oedipus Rex. At the same time, students will continue to develop writing proficiency and build vocabulary skills to enhance their learning in all subjects. Students must visit the Glacier Peak website to obtain the required summer assignment.

Sophomore English

English 10
ENG201/202
Open to Grade(s): 10
Length: 1 year
Credit(s): 1.0 English credit
Sophomore English is an integrated literature, language and composition course required for sophomores. This course offers learners the opportunity to refine their reading skills. The course also focuses on increasing the learner's understanding of English as not only a body of knowledge and set of skills, but as the process of how one uses and responds to literature in a variety of ways and in various contexts. This includes investigating how students use their understanding of great literature to help them better understand the world around them. A wide range of literature will be studied, and the students will be required to write a variety of expository and persuasive essays.

Honors English 10
ENG291/292
Open to Grade(s): 10
Length: 1 year
Credit(s): 1.0 English credit
Prerequisite(s): English 9
This is a college prep course for highly motivated sophomores. The course is based on universal themes. Students in Honors Sophomore English should be prepared to read at a quicker pace

and with a deeper understanding of the material, participate in classroom discussion, speak in front of a group, and write proficiently. **Students must meet with instructor before the end of the school year to obtain the required summer assignment.**

Junior English

English 11
ENG301/302
Open to Grade(s): 11
Length: 1 year
Credit(s): 1.0 English credit
Students will study a full range of American Literature from the 17th Century through the 21st Century in this year-long course. The course also focuses on increasing the learner's understanding of English as not only a body of knowledge and set of skills, but as the process of how one uses and responds to literature in a variety of ways and in various contexts. This includes investigating how students use their understanding of great literature to help them better understand the world around them. A wide range of literature will be studied, and the students will be required to write a variety of expository and persuasive essays.

AP English Language and Composition
ENG601/602
College in the H.S.
Open to Grade(s): 11 & 12
Length: 1 year
Credit(s): 1.0 English credit Prerequisite(s): English 10
Advanced Placement English Language and Composition is a year-long, academically rigorous course for juniors and seniors. It emphasizes rhetoric and composition with attention to argumentative, narrative and expository forms. Students will study and write analytic and persuasive essays on nonliterary topics. The purpose of AP English Language is to engage students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students will learn how generic conventions and the resources of language contribute to effective writing. This class will prepare students to take the AP English Language and Composition exam in May, which, if passed, may grant college credit. **There is a summer assignment with this course. Students must meet with instructor before the end of the school**

year to obtain the required summer assignment. College credit may be earned. See your instructor for more information.

Senior English and English Electives

AP English Literature and Composition

ENG605/606
College in the H.S.
Open to Grade(s): 12
Length: 1 year
Credit(s): 1.0 English credit
Prerequisite(s): English 11 or AP English Language and Composition.
Advanced Placement English Literature and Composition is a full-year college level literature and composition course. Students will gain academic knowledge and confidence in both writing college level essays and understanding literature. Students will learn to critically analyze advanced reading materials from Sophocles to contemporary authors, while delving into the historical context of each work. **This class will prepare students to take the AP English Literature exam in May, which, if passed, may grant college credit. Students must complete the required summer assignment. College credit may be earned. See your instructor for more information.**

British Literature

ENG405
College in the H.S.
Open to Grade(s): 11 & 12
Length: 1 semester
Credit(s): 0.5 English credit
British Literature is an integrated composition and literature course for college-bound juniors. Students may enroll for either one or both semesters. The curriculum is arranged chronologically, beginning in semester one, with the early Anglo-Saxon period and concluding with the late 18th Century. The difficult language of Old and Middle English poetry, as well as Shakespeare, should be considered before enrollment. The second semester begins with the Romantic revolt of the early 19th Century and concludes with the study of 21st Century British literature; the reading pace and load will reflect college-level expectations. The literature studied includes poetry, novels, short stories and drama. Course activities include group presentations, a variety of writing assignments, small group and class discussions, with the

literature serving as the basis for all discussions, activities and/or writing. **College credit may be earned. See your instructor for more information.**

Creative Writing

ENG401
Open to Grade(s): 10, 11, 12 Length:1 semester
Credit(s): 0.5 English credit
This course is designed as a workshop for students interested in exploring written self-expression. Activities range from in-class quick writes to in-depth descriptive writing to development of creative narrative over a longer period of time. Curriculum may include work with poetry, creative non-fiction and short story assignments. The emphasis is on personal growth and writing exploration. Please check with your school counselor for more information.

Modern Fiction

ENG407
College in the H.S.
Open to Grade(s): 11, 12
Length: 1 semester
Credit(s) 0.5 English credit
This course is for juniors and seniors who wish to improve their writing without spending a great deal of time on homework. Instead of reading time intensive novels, students read short stories, using them as the basis for their writing. This frees up class time for writing. Students learn how to write in ways that can be used in multiple college disciplines, not just English. They learn different writing formats and when each format should be applied in a collegiate setting. Students are expected to think critically about the reading material and participate in collegiate class discussions. The literature selected for this course may contain adult content and language. **College credit may be earned. See your instructor for more information.**

Multicultural Literature

ENG435
Open to Grade(S) 11, 12
Length: 1 semester
Credit (s) 0.5 English credit
This course integrates writing for a variety of purposes and audiences with literature study that reflects different cultures. Emphasis is placed on diverse texts while writing activities may include a focus on argumentative, expository, and narrative modes. Along with exploring universal themes, students will recognize how culture influences how we view the world.

Mythology in Literature

ENG408

Open to Grade(s): 11, 12

Length: 1 semester

Credit(s) 0.5 English credit

This course studies humankind's early literary development through ancient myths and legends. The concept of culture is introduced, and the early roots of social awareness are explored through Egyptian, Indian, Babylonian and Norse mythology. Special emphasis is given to Greek and Roman mythology, drama, and history. This is a college preparatory course and readings such as The Iliad, Oedipus Rex are challenging. Students will write analytic essays and be expected to give quality class presentations. It is a challenging but rewarding course that helps students gain insight into how Western thought, and tradition developed.

Science Fiction

ENG410

Open to Grade(s): 11, 12

Length: 1 semester

Credit(s) 0.5 English credit

This course explores the origins of science fiction literature and provides a strong range of short stories and one novel that explores the various themes of the genre. Students will read more than 40 short stories and one novel that look at topics such as aliens, xenophobia, robots, artificial intelligence, mind control, and Utopia. The novel is Fahrenheit 451 by Ray Bradbury. This course is for both newcomers to science fiction and for long-time fans of the genre.

The following CTE courses are also Course Equivalencies for English. Full descriptions can be found in the CTE section of this course catalog.

CTE APPROVED EQUIVALENCIES FOR ENGLISH CREDIT*			
Course Title	**Approved Equivalencies**		**Page**
GPHS Student Media	1.0 CTE	1.0 Senior English	63
Law and Business Ethics	0.5 CTE	0.5 Senior English	61

*NOTE: CTE equivalencies may not meet the English requirements for four-year college and admissions (CADR page 11). Please check with your school counselor for more information.

Math 3.0 Credits

Math Sequence 1	
9th grade	Algebra 1
10th grade	Geometry
11th grade	Approved 3rd year Math courses **Or** Algebra 2 w/Trig
12th grade	Math in Society/*AP Comp Science A **Or** Pre-Calculus/AP Statistics/*AP Comp Science A/Math in Society
Math Sequence 2	
9th grade	Geometry
10th grade	Algebra 2 w/Trig
11th grade	*AP Statistics Or Pre-Calculus/*AP Comp Science A
12th grade	Pre-Calculus/*AP Comp Science A **Or** AP Calculus AB/*AP Stats/*AP Comp Science A
Math Sequence 3	
9th grade	Algebra 2 w/Trig
10th grade	Pre-Calculus
11th grade	AP Calculus AB/*AP Stats/*AP Comp Science A
12th grade	AP Calculus BC/*AP Statistics/*AP Comp Science A

*****AP Computer Science and AP Statistics may not meet the 3rd year math requirement for four-year college admissions (CADR page 11). They will count as a senior quantitative. See your counselor for more information.

Calculators

Calculator rentals are available from GPHS in the library. Students must complete a checkout form requiring a parent's signature. At the end of the school year, calculators must be returned, or a $140 fee will be charged to the student's account. Any damage will also be subject to fines. Students are responsible for replacing batteries throughout the year, if needed, at their own cost. Calculator checkouts first come, first served. All classes requiring a graphing calculator are taught to the TI-83 Plus or TI-84 Plus (Texas Instruments) operating system. Casio, Hewlett-Packard and TI-Inspire brand calculators use a different operating system and are not readily supported by our staff.

Math

Mathematics allows students to understand order in our world and to solve real-life problems by using logic, observing patterns, and manipulating numbers and symbols. Any student failing in the first semester Math will meet with his or her counselor to determine appropriate second semester placement.

Algebra 1
MAT111/112
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0
This course will cover the Algebra 1 content as outlined by the Common Core State Math Standards including; solving problems; numbers, expressions and operations; characteristics and behaviors of functions; linear functions, equations and inequalities; quadratic functions and equations; data distributions; and additional key contents. This course, or equivalent, is a graduation requirement and provides the fundamental base for following math courses.

Geometry
MAT211/212
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0
Prerequisite(s): Algebra 1
This course will cover the Geometry content outlined by the Common Core Math Standards including: logical arguments and proofs; lines and angles; two- and three-dimensional figures; Geometry in the coordinate plane; geometric transformations; and additional key contents. This course, or equivalent, is a graduation requirement and provides the fundamental base for following math courses.

Algebra 2 w/Trig
MAT321/MAT322
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0
Prerequisite(s): Algebra 1 and Geometry
This course will cover the core content as outlined by the 3rd year Common Core State Math Standards including: solving problems; linear functions; quadratic functions, higher degree polynomials, rational and radical functions, exponential and logarithmic functions, trigonometric functions, probability, data, and distributions. Successful completion of this course will prepare students for Pre- Calculus**. This course is recommended for students who expect to go on to Pre-Calculus and/or AP Calculus while still in high school. Students expecting to go into math intensive majors in college or university should also take this course.**

Math in Society
MAT351/352
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0
Prerequisite(s): Algebra 2 w/Trig
In this college-level course, students will engage with practical applications of mathematics to areas of management, social sciences, biology and other fields. Topics include discrete mathematics, graph theory, fractals, linear programming, probability and statistics in everyday life. This course is targeted toward students not preparing for calculus or the sciences. Successful completion of this class will prepare students for entry-level college math. If a student wants to earn College in the High School credit, they will need to have a B or better in the previous course to register at EVCC. **This course meets the college preparatory requirements for Senior Quantitative. See your instructor for more information.**

Pre-Calculus:
MAT401/402
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0
Prerequisite(s): Algebra 2 w/Trig A TI-83 or TI-84 Plus graphing calculator is recommended
This class continues the preparation for Calculus and college Mathematics. Students who receive a grade below a C in Algebra 2 w/ Trig should consider retaking that course rather than enrolling in Precalculus. This course reviews functions, analytic geometry, and trigonometry and introduces several basic Calculus concepts. If a student wants to earn College in the High School credit, they will need to have a B or better in the previous course to register at EVCC. **This course meets the college preparatory requirements for Senior Quantitative. See your instructor for more information.**

AP Calculus AB
MAT605/606
Open to Grade(s): 11, 12
Length: 1 year
Credit(s): 1.0 Prerequisite(s):Precalc
AP Calculus is a full year, graphing calculator-based college-level course. Topics covered include limits, the derivative, and the integral. This class is equivalent to two quarters of college-level Calculus and will prepare students to take the AP AB Calculus exam in May. There is a summer assignment. Please see instructor for details.

AP Calculus BC
MAT607/608
Open to Grade(s): 11, 12
Length: 1 year
Credit(s): 1.0
Prerequisite(s): AP Calculus AB
AP Calculus BC is a full year, graphing calculator-based college-level course. Topics covered include limits, the derivative, the integral, sequences and series. This class is equivalent to a full year of college-level Calculus and will prepare students to take the AP Calculus BC exam in May. Students can earn 10 college credits through Everett Community College and may qualify for college credit based on their AP-Exam score. There is a summer assignment. Please see instructor for details.

AP Statistics

MAT601/602

College in the H.S.

Open to Grade(s): 11, 12

Length: 1 year

Credit(s): 1.0

Prerequisite(s): Algebra 2 w/Trig

AP Statistics is a full year course that covers college-level statistics. The major topics covered will include: 1) exploring data, 2) planning a study, 3) anticipating patterns, and 4) statistical inference. Serious students planning later study in engineering, psychology, science, sociology, business and mathematics should consider AP Statistics. This class will prepare students to take the AP Statistics exam in May, which, if passed, may grant them college credit. If a student wants to earn College in the High School credit, they will need to have a B or better in the previous course to register at EVCC**. This course meets the college preparatory requirements for Senior Quantitative. This course does not meet the college preparatory requirements for third year math (CADR page 11). See your instructor for more information.**

Additional Courses that can be taken

CTE APPROVED EQUIVALENCIES FOR 3rd YEAR MATH CREDIT*			
Course Title	Approved Equivalencies		Page Number
Business Math	1.0 CTE	1.0 Math	61
Computer Aided Design Fundamentals	0.5 CTE	0.5 Math	68
Advanced Computer Aided Design I	1.0 CTE	1.0 Math	68
Advanced Computer Aided Design II	1.0 CTE	1.0 Math	68
Personal Finance	0.5 CTE	0.5 Math	62
AP Computer Science A	1.0 CTE	1.0 Math	64

*NOTE: CTE equivalencies may not meet the math requirements for four-year college and admissions (CADR page 11). Please check with your school counselor for more information.

Physical Education and Health 2.0 Credit

Physical fitness is vital to personal success and lifelong health. All students are required to take 1.5 credits of P.E. and .5 credits of Health during high school. All Physical Education classes are open to both male and female students. Foundations of Physical Education is the first required P.E. course taken by Glacier Peak students. A student's remaining two semesters of P.E. is elective choice. All Physical Education electives may be repeated for credit. JROTC may be taken in lieu of P.E.

Physical Education

Foundations of Physical Education – Survey Course
PEH101
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5
This is a required course that acts as a foundation to your physical education experience at Glacier Peak High School. In this course, students will be able to participate in introductory activities from each of the courses offered at Glacier Peak to find the best fit for his or her continued fitness education. Students will sample Team Sports, Racquet Sports, Walk-Fit, Yoga-Fit, and Strength Training. An emphasis of this course will be learning key fitness concepts and incorporating them into a personalized fitness plan.

Functional Fitness
PEH108
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5
Prerequisite(s): Foundations Course
If you are a person who would like to maximize your time and spend a class period in your day getting stronger, but don't feel com- fortable in a traditional weights class, this class is for you! Crush your physical goals in a supportive environment as you work toward the best and strongest version of yourself. This class will use a variety of tools to accomplish this, such as: Dumbbells, Barbells, bands, stability balls, and medicine balls, as well as HIIT training and circuit training. Everyone deserves the opportunity to get stronger and use our facilities in a safe, supportive environment. It doesn't matter where you start; you will get stronger and be your best you!

Racquet Sports

PEH104
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5
The Racquet Sports course will introduce students to the sports of tennis, pickleball and badminton. These individual sports are offered together due to their many similarities in basic strokes and footwork. Students will be given instruction in basic and advanced skills, strategy in singles and doubles play, and modern theory and rules governing each sport. Daily physical conditioning will also be emphasized as an integral basic of each sport. Racquets, balls and equipment will be furnished, but students are welcome to bring their own racquets and balls.

Strength Training

PEH109
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5
Prerequisite(s): Foundations Course
This class is for students who want to develop a high level of muscular strength, muscular endurance, flexibility and cardiovascular fit- ness. Basics of the class will be based on compound movements increasing sports performance and general well-being. Students will be guided in not only fitness components, but also goal setting and accomplishment, while also gaining an understanding of muscular development and kinesiology.

Team Sports

PEH105
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5
Prerequisite(s): Foundations Course
This class is for students wishing to participate in a variety of team sports. Students will be expected to increase their abilities through sport and research. This is a class for the students who want to participate in team sport activities and increase physical fitness. Sports will include, but are not limited to, basketball, soccer, softball, flag football, and volleyball. Stretching, strengthening and running will be part of this course.

Unified PE
PEH111

Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5
Prerequisite(s): Foundations Course
Do you have a passion for helping others and fostering a positive school-wide environment? Unified Physical Education provides a unique opportunity for students with and without disabilities to come together through movement. This course combines students of ALL abilities to participate in developmentally appropriate PE including lifetime activities, fitness and sport. Students will work together to increase skill and confidence in a variety of physical activities. Additionally, the class supports the development of leadership skills, empowering ALL students to foster positive social interactions and relationships while encouraging an inclusive school-wide environment. Students in this class will become aware of various disabilities, learn to advocate for people with disabilities, and interact with students at 1:1 or in small groups, all while getting exercise!

Walk Fit
PEH106
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5
Prerequisite(s): Foundations Course
Do you value getting fresh air and clearing your mind every day? This is the class for you! Walk Fit is a fitness-based course in which students are expected to walk quickly outside for 1 to 2 miles every day. Students will also practice alternative exercises at least once a week to encourage total body fitness. Cell phones and ear buds are not allowed in this class or any PE class due to safety concerns.

Yoga Fit
PEH107
Open to Grades: 9, 10, 11, 12
Length: 1 Semester
Credit (s): 0.5
Prerequisite(s): Foundations Course
Yoga-fit is a physical education class that focuses on teaching introductory concepts of yoga as part of lifetime fitness. Students will learn and practice more than 60 yoga poses, incorporating

them into a variety of yoga styles (Hatha, Vinyasa , Yin and Restorative yoga). Breathing practices and stress management techniques will also be incorporated into this course. Students in Yoga fit will practice yoga up to 3 times per week. The other 2 days will focus on alternative exercise to encourage total body fitness.

Health Education

Health Education
PEH201
Open to Grade(s): 9, 10
Length: 1 semester
Credit(s): 0.5 Health
This is a state graduation requirement.
Health Education is a unique class in that it deals directly with many issues that are real to young people in their lives today. The class will focus on five areas of health which include: mental health and wellness, fitness and nutrition, drugs of abuse, CPR/First Aid, and sexual health. This class will expand the student's knowledge in the areas listed, encourage students to analyze their decision-making practices and incorporate healthy behaviors to increase overall wellness and improve lifelong health.

Additional Courses that can be taken

CTE APPROVED EQUIVALENCIES FOR PHYSICAL EDUCATION*			
Course Title	Approved Equivalencies		Page Number
Sports Medicine 1	1.0 CTE	0.5 CTE and 0.5 PE	67
Sports Medicine 2	1.0 CTE	0.5 CTE and 0.5 PE	68
JROTC (years 1-4)	1.0 CTE	1.0 PE	73

*NOTE: CTE equivalencies may not meet the math requirements for four-year college and admissions (CADR page 11). Please check with your school counselor for more information.

Science 3.0 Credits: Courses by grade

Next Generation Science Sequence for the class of 2026 and beyond (Prepares student for the state science assessment scheduled for the student's 11th grade year)

Science Sequence 1

9th grade	Biology of the Living Earth **Or** Animal Biology
10th grade	Chemistry of Earth Systems
11th grade	Science course aligned with personal pathway
12th grade	Any upper level science course

Science Sequence 2

9th grade	Biology of the Living Earth **Or** Animal Biology
10th grade	General Chemistry
11th grade	Any upper level science course
12th grade	

Science Sequence 3- Advanced

9th grade	General Chemistry *see prerequisites*
10th grade	AP Biology **Or** any upper level science courses**
11th grade	AP Biology **Or** any upper level science courses**
12th grade	

*Biology of the Living Earth may be substituted with Animal Biology.

**AP Biology must be taken in this sequence to satisfy graduation requirements.

SCIENCE

Through science course work, students develop an understanding of the practices, concepts and core ideas embodied by scientists. By applying scientific investigations and engineering design, students are empowered to engage with the world as informed citizens, scientists and engineers. Students are required to have 3 science credits to graduate, with 2 of those courses being laboratory sciences (1 life science and 1 physical science). The Washington Comprehensive Assessment of Science (WCAS) exam is given to students during their junior year. This exam is tentatively scheduled to be given during the spring and will assess a broad range of science and engineering practices and core ideas.

Biology of the Living Earth

SCI211/212
Open to Grade(s): 9, 10, 11, 12
Length: 1 year Life Science
Credit(s) 1.0
This is a one-year life laboratory science course that integrates life and earth science concepts to deepen understanding of the relationships between ecosystems (living and nonliving) and the Earth. Topics include enduring understandings related to cycles of energy and matter in the Earth system and the availability of Earth's resources and interactions between organisms and the biosphere. Principles of climate change (how humans impact ecosystems and contribute to climate change), photosynthesis, respiration, evolution, and inheritance of traits are all woven into the story of Earth's history. This course will provide students with opportunities to solve problems and explain relevant local phenomenon. This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS).

Chemistry of Earth Systems

SCI301/302
Open to Grade(s): 10, 11, 12
Length: 1 year Algebra -based physical science
Credit(s): 1.0
Prerequisite(s): Biology of the Living Earth or Animal Biology
This is a one-year high school level physical laboratory science course that integrates chemistry and earth science concepts to deepen understanding of the relationship between energy, reactions, and climate in the Earth system. Topics include enduring understandings related to energy changes, combustion, energy and the Earth, atoms, elements, molecules, chemical reactions, climate change, and the dynamics of chemical reactions and ocean acidification. Students will learn how to use evidence to infer changes to the Earth's surface and or system

and or climate change. This course will provide students with opportunities to solve problems, use models, and explain relevant local phenomenon. This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS) and meets the minimum college entrance requirements for one credit of algebra-based science.

Physics of the Universe

SCI401/402
College in the H.S.
Open to Grade(s): 11, 12
Length: 1 year Algebra-based physical science
Credit(s): 1.0
Prerequisite(s): Biology of the Living Earth or Animal Biology AND Intermediate Algebra or Algebra 2 w/Trig (may be taken concurrently).
Physics is a one-year elective course and is essential for those interested in Science and Technology fields, including Health Sciences, Engineering Architecture, Marine Science, and Electronics. Physics studies the science of matter, forces, energy and transformations of energy. The subject is developed in two ways: (1) Theoretical analysis of observed phenomena (such as collisions and the universe), in qualitative terms, from a philosophical and historical viewpoint, and (2) Quantitative analysis of data provided or collected in lab sessions (such as Newton's Laws or electricity). Problem solving abilities and logical analysis are stressed (there's formulas). This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS). **Calculator rentals are available from GPHS in the library. This course meets the minimum college entrance requirements for one credit of Algebra-based Science. College credit through EvCC may be earned (5 credits). See your instructor for more information.**

General Chemistry

SCI351/352
College in the H.S.
Open to Grade(s): *9, 10, 11, 12
Length: 1 year Algebra-based physical science
Credit(s) 1.0
Prerequisite(s): Algebra 1 and Biology of the Living Earth or Animal Biology *Freshmen interested in taking Chemistry must have completed Algebra I with a B or better and will need to specifically request General Chemistry. They will be expected to take AP Biology as one of their science courses to be prepared for the Washington Comprehensive Assessment of Science (WCAS).
This is a one-year college level physical science course for sophomores, juniors, and seniors, and is recommended for students interested in AP Biology and AP Chemistry as this course is

the pre-requisite for those courses. This course will include the study of the composition and properties of matter, as well as the study of physical and chemical changes. Students will be taught to confirm theory material through lab work and to develop theories based on lab data. Proper lab technique and lab safety will be a priority for practical work. This course requires a firm foundation in first-year Algebra (it is taught with the assumption that the student passed Algebra 1 with a B or better),and those students whose math skills are lacking may be required to do extra math to catch up. This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS) and meets the minimum college entrance requirements for one credit of algebra-based science. Students enrolled for EvCC credit (5 credits) will receive an average of their Semester 1 and Semester 2 grades for the EvCC transcript grade. See the instructor for details**. College credit may be earned. See your instructor for more information.**

AP Physics

SCI613/614
College in the H.S.
Open to Grade(s):11, 12 Length:1 year
Credit(s): 1.0 Algebra-based Physical Science
Prerequisite(s): Pre-Calculus (may be taken concurrently)
This full-year fast-paced laboratory physical science course covers the same material that would be in a non-calculus based comprehensive college Physics course (similar to pre-medical and pre-engineering introductory physics). This includes classical and modern Physics. The subject is developed in two ways: (1) Theoretical analysis of observed phenomena, in qualitative terms, from a philosophical and historical viewpoint, and (2) Quantitative analysis of data provided or collected in lab sessions. Problem solving abilities and logical analysis are stressed (there's formulas). This class will prepare students to take the AP Physics 1 exam in May, which, if passed, may grant them college credit (amount is determined by the college student is attending). This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS) and meets the minimum college entrance requirements for one credit of algebra-based science. **There is NO summer assignment for this course. College credit (15 credits) through EvCC may be earned. See your instructor for more information.**

Environmental Science
SCI365/366
College in the H.S.
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 Science Elective
Fee: $15 Nonrefundable, consumable lab fee
Prerequisite(s): Biology of the Living Earth or a physical science
Environmental science is relevant to everyday living and will provide students with an awareness of and an appreciation for the natural processes and relationships that sustain life on Earth. This laboratory course includes the topics of ecology, biodiversity, energy flow, human population growth, air, water, and land issues, resource conservation, and sustainability. Students will learn about local, regional, and global environmental topics, both from scientific and social points of view, and analyze alternative solutions for resolving them. College credit may be earned. See your instructor for more information.

AP Biology
SCI601/602
College in the H.S.
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 Life Science
Fee: $25 Nonrefundable, consumable lab fee Prerequisite(s): General Chemistry
AP Biology is a full-year life science course designed to be equivalent to an introductory Biology course in college. The primary goal of this course is to educate students about the biological community. The major units will include biochemistry, cell structure and function, energy transformation, molecular genetics, heredity, evolution, taxonomy of phyla, ecology and animal behavior. This is a lecture/laboratory class, with a one day a week early morning lab. Students will be responsible for in-class as well as out-of-class research. This class will prepare students to take the AP Biology exam in May, which, if passed, may grant them college credit. **This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS). There is no summer assignment for this course. College credit may be earned. See your instructor for more information.**

AP Chemistry

SCI605/606
Open to Grade(s): 11, 12
Length: 1 year
Credit(s): 1.0 Algebra-based Physical Science
Fee: $25 Nonrefundable, consumable lab fee
Prerequisite(s): General Chemistry
AP Chemistry is a full year physical science course designed to give the student a college level understanding of general Chemistry. The course examines many of the topics covered in General Chemistry in greater depth, as well as new areas such as solubility, equilibria and reaction rates. Students will apply the principles they have learned in theory to a laboratory for reinforcement, development of techniques, and error analysis. AP Chemistry is recommended for students who are planning on majoring in Chemistry, Pre-Med, and/ or Engineering in college. This is a fast-paced lecture/laboratory class with a heavy homework load. This class will prepare students to take the AP Chemistry exam in May, which, if passed, may grant them college credit. This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS). There is no summer assignment, but it is recommended that students meet with the instructor if they wish to receive optional review material for the upcoming year.

AP Computer Science Principles

CTT 605/606
Open to grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and may count towards 3rd year science graduation requirement.
AP CS Principles is a fun and engaging introductory class for all students. You will enjoy using your own experiences, interests, and strengths to creatively solve problems. We will introduce you to the foundational concepts of computer science and challenge you to explore how computing and technology can impact the world. You will also get to learn about programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. Sound scary? Don't worry. No previous programming experience required, and we'll help you figure it all out. Success in this year-long course will help you prepare for the College Board's "AP Computer Science Principles" exam in May - one of the most straightforward ways to earn AP credit.

Forensic Science

SCI405
Open to Grade(s): 11, 12
Length 1 semester science elective
Credit(s): 0.5 Science Elective
Fee: $10 Nonrefundable, consumable lab fee
Prerequisite(s): Biology of the Living Earth or Animal Biology

Forensic Science is a semester-long course that prepares students to become knowledgeable in utilizing scientific analysis for crime scene investigation. Students will apply this knowledge at the end of the semester as they design and then investigate a mock crime scene. The curriculum for this class will integrate the scientific principles of Biology, Chemistry, and Physics. There is a strong emphasis on lab work.T he forensic protocol and lab work that will be covered throughout the course include toxicology (poisons and drugs), serology (blood and body fluids), odontology (teeth), DNA fingerprinting, hair and fiber analysis, fingerprinting, and document analysis.

Marine Biology/Science

SCI406
Open to Grade(s): 11, 12
Length 1 semester science elective
Credit(s): 0.5
Fee: $15 Nonrefundable, consumable lab fee
Prerequisite(s): Biology of the Living Earth or Animal Biology

Marine science is a semester-long science elective course designed to investigate the ocean, home to the greatest biodiversity on the planet, and to familiarize students with local marine ecosystems. This course includes physical, chemical, geological, and biological processes in marine systems and gives students a better understanding and appreciation of the various fields in marine science. Lab fee will be used for school approved district transportation for field trips, dissections and class materials.

Human Anatomy and Physiology

SCI315/316
Open to Grade(s): 11, 12
Length 1 year science elective
Credit(s): 1.0
Fee: $15 Nonrefundable, consumable lab fee
Prerequisite(s): Passing grade in Biology of the Living Earth

Human anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structure and function of the human body and will learn to integrate their learning through case studies. Students will study the following body systems: nervous, integumentary, muscular, skeletal, cardiovascular, and respiratory and emphasis will be on the interrelationships among these systems. Dissections are part of this course and include a sheep brain, cow eye, mink, and sheep heart.

Molecular Biology for Global Health

SCI311/312
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 year life science
Credits 1.0 Lab or CTE credit
Prerequisite(s): A physical science or Biology of the Living Earth & Algebra 1
This is a year-long lab-based STEM class that will focus on a wide range of Molecular Biology/Biotechnology skills as they relate
to the disease process. Students learn lab techniques that are currently utilized in any industry lab setting. Emphasis is placed upon the study of disease from the molecular level to the global level as well as bioethical issues prominent in global health. Key concepts involve working with DNA (isolation & purification, restriction digest, transformation, PCR, sequencing), Immunology, ELISA testing, Bioinformatics, and 3D modeling of proteins. Units of study include but are not limited to: Infectious diseases, Immune response, Genetic diseases, and Biomanufacturing.

Advanced Molecular Biology for Global Health

SCI411/412
Open to Grade(s): 11, 12
Length: 1 year life science
Credit(s): 1.0 Lab or 1.0 CTE credit
Prerequisite(s): Physical science or Biology of the Living Earth & Algebra 1. Students who have taken Molecular Biology for Global Health will be given priority.
This is a year-long class that will focus on Global Health as well as concepts and skills related to industry standards for a research lab or
program of study. Continued emphasis upon disease. Key concepts involve working with DNA (isolation & purification, restriction digest, transformation, PCR, sequencing), Immunity, ELISA testing, Flow Cytometry, Bioinformatics, and 3D modeling of proteins. Students who successfully complete this program may be eligible to take a biotechnology credentialing exam in the spring. **This course meets the minimum college entrance for one credit of Algebra based science.**

Animal Biology

SCI231/SCI232
Open to Grade (s): 9, 10, 11, 12
Length: 1 year life science
Credit(s): 1.0 Science or 1.0 CTE credit
May not be taken if Biology of the Living Earth has been successfully completed.
This is a life laboratory science course. This course requires multiple system dissections (bone, muscle, heart, lung, kidney & eye). Students will follow the steps of the scientific method in classroom activities and laboratory investigations. The main concepts covered will be ecology, biochemistry, cells (structure and processes), genetics (molecular and Mendelian), evolution, anatomy, physiology and the importance of domestic animals. This course is designed to prepare students to meet the state Systems, Inquiry, Application and Life Science standards and provide a firm science foundation for college preparatory course work. This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS). FFA club membership is optional, and a fee may apply. Outside projects are part of the class. Scholarship opportunities and awards are available to student FFA members.

Advanced Animal Biology

SCI331/SCI332
Open to Grade(s): 10, 11, 12
Length: 1 year life science
Credit(s): 1.0 credit counts towards both Science and CTE graduation requirements.
Prerequisite(s): Biology of the Living Earth or Animal Biology
This elective laboratory science course will focus on animal health, animal pathology and animal production. Topics include animal anatomy and systems dissections, animal behavior, handling techniques, advanced nutrition, disease pathology and disease control, safety and sanitation in the animal laboratory and 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. FFA club membership is optional and a fee may apply. Outside projects are part of the class. Scholarship opportunities and awards are available to student FFA members. (FFA membership is optional).

Additional Courses that can be taken

CTE APPROVED EQUIVALENCIES FOR SCIENCE CREDIT*			
Course Title	Approved Equivalencies		Page Number
Animal Biology	1.0 CTE	1.0 Life Science	58
Molecular Biology for Global Health	1.0 CTE	1.0 Life Science	66
Advanced Molecular Biology for Global Health	1.0 CTE	1.0 Life Science	67
Advanced Animal Biology	1.0 CTE	1.0 Life Science	58
*Shop 2	1.0 CTE	.5 Third Year Science	70
*Shop 3	1.0 CTE	.5 Third Year Science	70
*Welding Science	.5 CTE	.5 Third Year Science	71
AP Computer Science Principles	1.0 CTE	1.0 Third Year Science	64

*This course may not meet the science admissions requirements for four-year colleges (CADR page 11). Please check with your school counselor for more information.

Social Studies 3.0 Credits

Courses by grade level

Social Studies Sequence

9th grade	
10th grade	Modern World History Or AP World History
11th grade	U.S. History Or AP U.S. History
12th grade	Civics/Contemporary World Issues/AP Comparative Government/AP US Government and Politics

Social Studies

Social Studies coursework contributes to developing citizens in a culturally diverse, democratic society within an interdependent world. It equips learners to make sound judgments and take appropriate actions that will contribute to a free and sustainable society.

Grade 10

Modern World History
SO201/202
Open to Grade: 10
Length: 1 year
Credit(s): 1.0 Required Social Studies credit
Starting with a review of the revolution caused by the Renaissance and Reformation, this course takes students around the world to examine the cultures of Europe, the Middle East, Asia, Africa and Central/South America. As study advances through the 17th-20th centuries, students compare society, religion, government, art and science in each culture, and learn how interaction among countries impacted each of these areas. Students will be able to see how their historical understanding helps explain some of the world's complex contemporary issues.

AP World History
SOC601/602
Open to Grade: 10
Length: 1 year
Credit(s): 1.0 Social Studies credit
The Advanced Placement World History (Modern) course is designed for students who are passionate about history and prepared for the rigor and depth expected in a college-level class. The course explores five historical themes across the globe, chronologically, from 1200 C.E. to the present. APWH (Modern) requires students to look at World History from a broad perspective: drawing connections between earlier human civilizations and processes to develop a framework for understanding how the world's past shapes contemporary society. Students will also have the opportunity to take the Advanced Placement exam to earn college credit**. Check with instructor regarding possible summer assignment. AP World History (Modern) meets the Snohomish School District's 10th grade World History requirement.**

Grade 11

United States History
SOC301/302
Open to Grade: 11
Length: 1 year
Credit(s): 1.0 Social Studies credit
The class is structured chronologically and covers 20th century United States History. The content emphasizes depth with a particular interest in original documents. Specific topics include geography, foreign relations, minorities, technology, labor, personal and social skill development.

AP U.S. History
SOC605/606
College in the H.S.
Open to Grade: 11
Length: 1 year
Credit(s): 1.0 Social Studies credit
AP U.S. History is a challenging course meant to be the equivalent of a freshman college course. It is a two-semester survey of American History from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing and interpretation of original documents. Students will master a

broad body of historical knowledge; demonstrate an understanding of historical chronology; use historical data to support arguments or positions; interpret and apply data from original documents; effectively use analytical skills of evaluation, cause and effect, compare and contrast; and work effectively with others to produce products and solve problems. This course will prepare students to take the AP U.S. History exam in May, which if passed, may grant them college credit.

Check the GP Website for the summer assignment. This course will prepare students to take the AP exam. College Credit may be earned. This course meets the 11th grade U.S. History requirements.

Grade 12

At Glacier Peak, all seniors take the combination of Civics and Current World Issues, or either AP Comparative Government or AP US Government and Politics, to meet their Social Studies requirements.

Contemporary World Issues

SOC407
Open to Grade: 12
Length: 1 Semester
Credit(s): 0.5 Social Studies credit
This course has a particular focus on the origins, issues, and geography of ongoing world and domestic issues. Students will analyze a variety of issues from varying perspectives. Topics may include the environment, law, economics, and international relations.

Civics

SOC406
Open to Grade: 12
Length: 1 semester
Credit(s): 0.5 Social Studies credit
Students will study the purposes, principles, and practices of American government as established by the Constitution. Students are expected to understand their rights and responsibilities as citizens and how to exercise these rights and responsibilities in local, state, and national government. Students will learn the structure and purposes of the government of the state of Washington and various local governments. The reading and analysis of primary source documents is a key feature of United States government and civic standards.

AP Comparative Government

Open to Grade: 12
SOC613/614
College in the H.S.
Credit(s): 1.0 Social Studies credit
Length: 1 year
Following the suggested AP course curriculum for college comparative government & politics courses, this class provides students with a dynamic introduction to some of the world's many political systems and practices. In addition to learning about the structure of government, students will learn about the various elements that affect the operation of government, the behavior of nations, and how decisions are made by political leaders. By studying specific concepts and countries, students will develop a deeper understanding of the similarities and differences apparent in systems around the world. Course content will also include topics such as political and economic change, institutions, political power, international organizations, culture, historical traditions, political parties, citizenship, media, and public policy. As we live in an increasingly interconnected and interdependent world, this interactive course will provide students with the knowledge and skills necessary to become actively engaged citizens and prepared for college and the world of work. Check the GP Website for the summer assignment. This course will prepare students to take the AP exam. College credit may be earned. This course meets the senior Government requirement.

AP US Government and Politics

Open to Grade: 12
SOC609/610
College in the H.S.
Credit(s): 1.0 Social Studies credit
Length: 1 year
This course will be an in-depth look at American Government. The class will be a college-level course that asks students to be independent, critical thinkers. Students who are driven, hard workers and have a passion for politics and government will thrive in this course**. This course will prepare students to take the AP American Government exam in May, which if passed, may grant college credit. Check the GP Website for the summer assignment. This course will prepare students to take the AP exam. College credit may be earned. This course meets the senior Government requirement.**

Social Studies Electives

Psychology of the Self
SOC211
Open to Grade(s): 11, 12
Length: 1 semester
Credit(s): 0.5 Social Studies elective or general elective.
This one-semester elective course acquaints the student with vocabulary, principles and the general nature of Psychology that is common to all peoples. Understanding human behavior, diagnosing causes for actions, understanding intelligence, learning about learning styles and memory and looking at the human brain are but a small part of this course. Students should be prepared for college-style lecture and a college-level book.

Law and Business Ethics
CTB107
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit and may count toward Social Studies elective graduation requirement.
This is a semester long course that introduces students to the US legal system. Students will learn the foundations of law and how laws are created and enforced. Students will be introduced to criminal and civil law and will have the opportunity to explore the differences and similarities. We will explore many legal topics including torts, contracts, legal remedies, criminal and civil punishments, and career exploration in the legal field. Learning will be enhanced with guest speakers, courtroom field trips, and classroom mock trials. This course may not meet the English admissions requirements for four-year colleges (CADR page 11). Please check with your school counselor for more information.

AP Microeconomics / AP Macroeconomics
CTB601/602
College in the H.S.
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit or Social Studies Elective credit
The AP Economics course studies how the economy functions as a whole. Students should be willing to learn new things and use critical thinking skills to analyze complex issues. Topics include economic growth, productivity, the financial system, inflation, taxes, unemployment, and international trade. There is no prerequisite because this subject is unlike any others you have taken before, and anyone can succeed in this subject if they are willing to give it a try.

Students will be prepared to take the AP exam in the spring and may earn college credit through the AP exam. College credit may be earned. See your instructor for more information.

Additional Courses that can be taken

CTE Approved Equivalencies For Social Studies Elective Credit*			
Course Title	Approved Equivalencies		Page Number
Law and Business Ethics	0.5 CTE	0.5 Social Studies	61
AP Micro Economics/AP Macro Economics	1.0 CTE	1.0 Social Studies	62

*NOTE: CTE equivalencies may not meet the social studies requirements for four-year college and admissions (CADR page 11). Please check with your school counselor for more information.

World Languages 2.0 Credits

In our increasingly global economy, the knowledge of more than one language becomes not only the mark of an educated person, but also an important marketable skill. Students are encouraged to complete at least two years of language study in high school and, if pursuing entrance into a four-year school, should consider a three or four-year course of study.

Snohomish School District students in grades 9-12 can earn up to four high school credits in World Language by demonstrating language proficiency in listening, speaking, reading and writing through a district-approved World Language assessment. Please see your counselor or a World Language teacher for additional information.

World Languages

Chinese 1
WLC101/102
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
In first-year Chinese students begin to communicate in Mandarin Chinese by acquiring basic vocabulary and skills in grammar, pronunciation, and the Pinyin (Romanized) writing system. We will play games and use various drills and technology to improve students' learning processes. Students also begin to develop an understanding of the culture, art, music, and literature of the Chinese speaking world and how it relates or leads to career opportunities for Chinese speakers.

Chinese 2
WLC201/202
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: Chinese 1
In second-year Chinese students continue to improve their communication abilities in Mandarin Chinese by expanding their vocabulary, grammar, and pronunciation skills. Students also increase their understanding of Chinese culture and communication behaviors. We will play games, use various drills and utilize technology to improve students' learning processes. **College credit may be earned. See your instructor for more information.**

Chinese 3

WLC301/302
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: Chinese 2
Third-year Chinese is highly recommended for college-bound students. Students continue to improve their communication abilities in Mandarin Chinese by expanding their vocabulary, grammar and pronunciation skills. Students also increase their understanding of Chinese culture and communication behaviors. **College credit may be earned. See your instructor for more information.**

Chinese 4

WLC401/402
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: Chinese 3
Fourth year Chinese is highly recommended for college-bound students who would like to improve their communication skills. Students will fine-tune their knowledge of Chinese. They will read various texts and further improve their listening, reading, and writing skills. An extensive concentration on communication skills will be the focus of this class.

German 1

WLG101/102
Open to Grade(s): 9, 10, 11, 12
Length:1 year
Credit(s): 1.0 World Language credit
Students will begin learning German through listening and responding to stories, songs, and participating in activities. In the classroom, students frequently work in pairs or small groups. The classroom text is Genial Klick, Level A1, published by Klett. The major emphasis in year one is vocabulary. German music, films and outside projects will increase students' ability to understand the spoken language as well as the culture. Regular practice and study outside the classroom are required.

German 2

WLG201/202
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year Credit(s): 1.0 World Language credit
Prerequisite: German 1
Students increase their knowledge of German vocabulary with more emphasis on grammar. The class is taught in German as much as possible. The classroom text is Genial Klick, Levels A1 and A2, published by Klett. Students create original oral and written work in the form of monologues, dialogues, and skits. Study of German culture will continue. Regular practice and study outside the classroom are required. We suggest that students coming from a different school district make an appointment with the teacher to help determine their level. **College credit may be earned. See your instructor for more information.**

German 3

WLG301/302
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: German 2
This course is highly recommended for college-bound students to increase their vocabulary and knowledge of the construction of the German language. Comprehensive and extended study of grammar, concepts, and extensive concentration on communication and writing skills will be the focus of this class. The class is taught in German as much as possible. The classroom text is Genial Klick, Levels A2 and B1, published by Klett. German 3 and 4 students work together in the classroom using a rotating curriculum. We suggest that students coming from a different school district make an appointment with the teacher to help determine their level. **College credit may be earned. See your instructor for more information.**

German 4

WLG401/402
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: German 3
This course is highly recommended for college-bound students to increase their vocabulary and knowledge of the construction of the German language. Comprehensive and extended study of

grammar, concepts and extensive concentration on communication and writing skills will be the focus of this class. The class is taught in German as much as possible. The classroom text is Genial Klick, Levels A2 and B1, published by Klett. German 3 and 4 students work together in the classroom using a rotating curriculum. We suggest that students coming from a different school district make an appointment with the teacher to help determine their level. **College credit may be earned. See your instructor for more information.**

Spanish 1

WLS101/102
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
This one-year course emphasizes basic grammar, speaking, listening and reading comprehension. The study of Spanish speaking cultures is an important part of this course. Daily classroom participation and study outside the classroom is required.

Spanish 2

WLS201/202
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: Spanish 1
This course is a second year Spanish. Emphasis is on higher levels of grammar, communication skills, reading, composition and culture. Daily practice, review, and study outside the classroom is required. **College credit may be earned. See your instructor for more information.**

Spanish 3

WLS301/302
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: Spanish 2
This course is highly recommended for college-bound students to increase their vocabulary and knowledge of the construction of the Spanish language This third-year Spanish course is for students who have a desire to increase their skills in Spanish. Advanced grammar concepts and vocabulary will be studied. Communication, writing, listening and reading comprehension will

be the focus of this class. **College credit may be earned. See your instructor for more information.**

Spanish 4

WLS401/402
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 World Language credit
Prerequisite: Spanish 3
This course is highly recommended for college-bound students to increase their vocabulary and knowledge of the construction of the Spanish language This is a fourth-year elective class for students who have a desire to increase their skills in Spanish. Advanced grammar concepts and vocabulary will be studied. Communication, writing, listening, and reading comprehension will be the focus of this class. **College credit may be earned. See your instructor for more information.**

Career and Technical Education (CTE)

Career and Technical Education (CTE) programs offer a range of courses and pathways in various fields such as health care, information technology, advanced manufacturing, and more. These programs are designed to be hands-on and relevant, helping students connect what they learn in school with real-world applications. By participating in CTE, students can earn industry-recognized certification, earn college credit, and gain valuable work experience through internships and apprenticeships. Ultimately, CTE prepares students for post-secondary education, training, and career, ensuring they have the skills needed to thrive in a competitive job market. https://gphs.sno.wednet.edu/programs/career-technical-education-cte

Agriculture, Food and Natural Resources

Animal Systems

Animal Biology
SCI231/SCI232
Open to Grade (s): 9, 10, 11, 12
Length: 1 year life science Credit(s): 1.0 Science or 1.0 CTE credit
May not be taken if Biology of the Living Earth has been successfully completed. FFA club membership is optional.
A fee may apply.
Animal Biology is a life laboratory science course. This course requires multiple system dissections (bone, muscle, heart, lung, kidney, and eye). Students will follow the steps of the scientific method in classroom activities and laboratory investigations. The main concepts covered will be ecology, biochemistry, cells (structure and processes), genetics (molecular and Mendelian), evolution, anatomy, physiology, and the importance of domestic animals. This course is designed to prepare students to meet the state Systems, Inquiry, Ap- plication and Life Science standards and provide a firm science foundation for college preparatory course work. This course prepares students to take the Washington Comprehensive Assessment of Science (WCAS). Outside projects are part of the class. Scholarship opportunities and awards are available to student FFA members.

Advanced Animal Biology
SCI331/SCI332
Open to Grade(s): 10, 11, 12
Length: 1 year life science Credit(s): 1.0 credit counts towards both Science and CTE graduation requirements.

Prerequisite(s): Biology of the Living Earth or Animal Biology
This elective laboratory science course will focus on animal health, animal pathology and animal production. Topics include animal anatomy and systems dissections, animal behavior, handling techniques, advanced nutrition, disease pathology and disease control, safety and sanitation in the animal laboratory and animal reproductive anatomy and breeding programs. Outside projects are part of the class, and students are responsible for the demonstration of skills and competencies through labs, scientific research and assessment of classroom projects. FFA club membership is optional, and a fee may apply. Scholarship opportunities and awards are available to student FFA members.

Business and Marketing

Marketing Management

Introduction to Marketing (DECA)
CTB103/104
CTE/Dual Credit
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit
This class explores the exciting world of business! Learn what it takes to run your own business and avoid the risks and earn the rewards. Promotion, selling, communication, economics and more. The DECA Club goes hand in hand with the Marketing class. It is a dynamic club that gives its members many exciting opportunities such as competition, travel, and community service opportunities. C**ollege credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Advanced Marketing (DECA)
CTB303/304
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit
Prerequisite(s): Introduction to Marketing/DECA
This course explores the exciting world of entrepreneurship, business, and marketing. Course content includes economics, personal finance, advertising, sales, marketing information management and product generation. Each student will write a business plan. DECA club activities, field trips and competitions are a part of this course. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Sports and Entertainment Marketing (DECA)

CTB203/204
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit
Prerequisite(s): Introduction to Marketing/DECA
This course explores the exciting business of Sports and Entertainment Marketing (S&E). The curriculum teaches about careers in Sports and Entertainment Marketing. Through projects, students learn and practice skills in business planning, marketing information management, economics, promotion and advertising, sponsorship, and partnership. Students learn what is involved in managing player talent, event planning and communication. Students apply their newly learned skills at DECA competitions. Students will observe firsthand how the world of Sports and Entertainment Marketing works through visits to local professional sports teams. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Entrepreneurship (DECA)

CTB403/404
CTE/Dual Credit
Open to Grade(s): 12
Length: 1 year
Credit(s): 1.0 CTE credit
Prerequisite(s): Teacher approved application
This course is designed for students who have an interest in developing the skills, attitudes, and knowledge necessary of a successful entrepreneur. It allows students to apply concepts learned in class to the operation of a small business. The students will acquire experience in a work situation by operating the school store. Students participate in DECA competitions and conferences to demonstrate their new-found knowledge. Entrepreneurship is the final class in the Marketing/DECA pathway. Requires completed application, interview, and teacher's approval. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Business and Marketing

Suggested Sequence Not Prerequisite

Business and Administration

Intro To Business Management

CTB102

CTE/Dual Credit

Open to Grade(s): 9, 10, 11, 12

Length: 1 semester

Credit(s): 0.5 CTE credit

This course is applicable if you are planning a career in business or simply want a clearer understanding of our economics and business system. You will explore the benefits and challenges of owning and operating a business. Decision-making skills will be sharpened while learning about finance, marketing, human resources, production, and management. You will learn how to manage people effectively. You will write a business plan for a business you might hope to open someday.

Law and Business Ethics

CTB107

Open to Grade(s): 9, 10, 11, 12

Length: 1 semester

Credit(s): 0.5 CTE credit and counts toward either a social studies elective or senior elective English graduation requirement.

This is a semester long course that introduces students to the US legal system. Students will learn the foundations of law and how laws are created and enforced. Students will be introduced to criminal and civil law and will have the opportunity to explore the differences and similarities. We will explore many legal topics including torts, contracts, legal remedies, criminal and civil punishments, and career exploration in the legal field. Learning will be enhanced with guest speakers, courtroom field trips, and classroom mock trials. **This course may not meet the English admissions requirements for four-year colleges (CADR page 11). Please check with your school counselor for more information.**

Business Math

CTB307/308

CTE/Dual Credit

Open to Grade(s): 10, 11, 12

Length: 1 year

Credit(s): 1.0 CTE credit or math credit

Prerequisite(s): Algebra 1 and Geometry required if taking for third year math credit.

This year-long course provides students a hands-on approach to learning business and personal finance. Students will have the ability to learn valuable Microsoft Excel skills and can take the Excel MOS exam. Basic Algebra and Geometry skills will be applied to “real world” problems, allowing students to use many of the skills they have already learned in other classes. This will satisfy the 3rd year math requirement and is a business-based course that is not intended to

prepare students for the college placement exams. Please check with your counselor to see if this course will work with your high school and beyond plans. This course meets the college preparatory requirements for Senior Quantitative. **This course may not meet the math admissions requirements for four-year colleges (CADR page 11). Please check with your school counselor for more information. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is done. See page 8 for more information.**

Personal Finance

CTB201
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit or third year math.
In this financial literacy course, you will learn about financial planning, budgeting, checking account management, the costs of car ownership, renting an apartment, buying a home, credit cards, loans, identity theft, insurance, taxes and investing. You will also learn about college financing including and filling out the FAFSA. Several experts from the financial field will be guest speakers bringing in the most current information. You will leave this course as an educated consumer able to make sound financial decisions. This CTE course may count as a semester of third year math if it follows your college and career plan. This is a Business-based course and is not intended to prepare students for the college math placement test. May not receive math credit for both Personal Finance and first semester of Business Math. This course meets third year math requirements for high school graduation. T**his course does not meet the college preparatory requirements for third year math (CADR page 11). This course meets the college preparatory requirements for Senior Quantitative. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 8 for more information.**

AP Microeconomics / AP Macroeconomics

CTB601/CTB602
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and counts towards a Social Studies elective.
The AP Microeconomics and Macroeconomics courses study how the economy functions as a whole. Students should be willing to learn new things and use critical thinking skills to analyze complex issues. Topics include economic growth, productivity, the financial system, inflation, taxes, unemployment, and international trade. There is no prerequisite because this subject is

unlike any others you have taken before, and anyone can succeed in this subject if they are willing to give it a try. Students will be prepared to take the AP Exam in the spring and may earn college credit through the exam. **College credit may be earned. See your instructor for more information.**

Worksite Learning

Open to Grade(s): 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit
Prerequisites: 1. Currently enrolled in or have successfully completed a CTE class related to the student's career pathway and worksite. 2. Age 16 before enrolling. 3. Must provide own transportation to/from/during the Worksite Learning Experience 4. Monthly reporting of work hours to Worksite learning coordinator.
This course offers the students the opportunity to integrate and apply what they have learned in a CTE class while working part-time outside of school. Under the supervision of a certified Worksite Learning Coordinator the student will receive high school credit of 0.5 for 180 paid work hours. Students must complete a minimum number of work hours and demonstrate competencies consistent with a pre-developed learning plan to earn credit. The Worksite Learning Coordinator and the employer will complete regular evaluations and communicate with students in the program. Students are responsible for obtaining their own worksite and transportation. See counseling for paperwork.

GP Student Media

CTA203/204
College in the H.S.
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and counts towards an Art or English grad requirements.
This is a one-year course where students write, photograph and publish for the online news website of Glacier Peak www.alltheedge.com as well as put together the yearbook, The Edge. This is a production class where students learn and use journalism skills including photography, interview and writing assignments set on a rigorous deadline schedule. Students are expected to stay after school at least once a week to interview for or photograph school events and are responsible for obtaining their own transportation. Students improve their technical writing skills as well as their photography. Students are expected to take on a leadership role if this class is taken for consecutive years. College credit may be earned. See your instructor for more information. This course may not meet the English admissions requirements for four-year colleges (CADR page 11). Please check with your school counselor for more information.

Introduction to Computer Science Principles

CTT111
Open to Grade (s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE Credit
This introductory course is the one semester version of AP Computer Science Principles. This course is a fun and engaging class for all students. You will enjoy using your own experiences, interests, and strengths to creatively solve problems. We will introduce you to the foundational concepts of computer science and challenge you to explore how computing and technology can impact the world. You will also get to learn about programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. Sound scary? Don't worry. No previous programming experience required, and we'll help you figure it all out.

AP Computer Science

CTT605/606
Open to grade(s): 9,10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and may count towards 3rd year science grad requirement.
AP CS Principles is a fun and engaging introductory class for all students. You will enjoy using your own experiences, interests, and strengths to creatively solve problems. We will introduce you to the foundational concepts of computer science and challenge you to explore how computing and technology can impact the world. You will also get to learn about programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. Sound scary? Don't worry. No previous programming experience required, and we'll help you figure it all out. Success in this year-long course will help you prepare for the College Board's "AP Computer Science Principles" exam in May - one of the most straightforward ways to earn AP credit.

AP Computer Science A

CTT601/602
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and may count towards 3rd year math grad requirement.
Prerequisite(s): Algebra 2 recommended
This course teaches students to code fluently using the Java programming language. Success in this year-long course will help you prepare for the College Board's AP "Computer Science A" exam in May. Using the curriculum from Code.org, you will first learn about object-oriented

programming and then develop your fundamental programming skills by learning about writing algorithms, arrays, recursion, searching and sorting. **College credit may be available by passing the AP test, subject to college requirements or applying for CTE dual credit. This course meets third year math requirements for high school graduation. This course does not meet the college preparatory requirements for third year math (CADR page 11). This course meets the college preparatory requirements for Senior Quantitative.**

Family and Consumer Science

Hospitality - Culinary Arts

Culinary Essentials 1

CTF101
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit
Do you want to learn how to cook? Come join Culinary Essentials 1. This is a hands-on class open to all grade levels. We will take simple ingredients and turn them into a tasty meal or treat. Learn to cook and never be hungry again.

Culinary Essentials 2

CTF301
CTE/Dual Credit
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit
Prerequisite: Culinary Essentials 1
If you enjoyed the Culinary Essentials I class, then this course is designed for you. Students with a strong interest in pursuing a career in culinary arts or related hospitality career need to sign up for this class. In this class, students will enjoy food demonstrations, taste test comparisons, guest speakers, discover career opportunities, hands on exploration of the world of culinary arts and a variety of catering events. Not only will students learn about restaurant service, but they will also be responsible for catering for many events ranging from 25 guests to 400 guests. This is a very exciting class to be a part of. The class may be repeated for credit. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information**

International Cuisine

CTF202

Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit
Prerequisite: Culinary Essentials I or II
Do you like trying foods from other countries? Do you know what country your family originated from? How about a class where you take your family's country of origin and cook food from there? Grab your passport because we will be traveling the world through food! Students will learn about local culture, customs, traditions, and cuisine from a variety of countries from around the world. This is a fast-paced, high energy, hands-on class where the students can't wait for the next new food to try.

Design

Interior Design

CTF205
CTE/Dual Credit
Open to Grade(s): 9, 10, 11, 12
Length:1sem
Credit(s): 0.5 CTE credit or may be taken for 0.5 Art credit
Students will dive into Interior Design by studying elements and principles of design, color schemes, line, texture, and the effects these have on a room's functionality and feel. This course is designed to be hands-on and project based. Students will be painting, drawing, and building 3D models. Students will have the opportunity to bring designs to life by using a professional CADD program, Chief Architect. Students will also explore careers in the field of interior design and related professions. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Health Science

Biotechnology

Molecular Biology for Global Health

SCI311/312
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 year life science
Credits 1.0 Lab or CTE credit
Prerequisite(s): A physical science or Biology of the Living Earth & Algebra 1.
This is a year-long lab-based STEM class that will focus on a wide range of Molecular Biology/Biotechnology skills as they relate to the disease process. Students learn lab techniques

that are currently utilized in any industry lab setting. Emphasis is placed upon the study of disease from the molecular level to the global level as well as bioethical issues prominent in global health. Key concepts involve working with DNA (isolation & purification, restriction digest, transformation, PCR, sequencing), Immunology, ELISA testing, Bioinformatics, and 3D modeling of proteins. Units of study include but are not limited to: Infectious diseases, Immune response, Genetic diseases, and Biomanufacturing. This course meets the minimum college entrance for one credit of Algebra based science. **This course meets the college preparatory requirements for Senior Quantitative. College credit may be earned. See your instructor for more information**

Advanced Molecular Biology for Global Health:

SCI411/412
Open to Grade(s): 11, 12
Length: 1 year life science
Credit(s): 1.0 Lab Science and counts toward CTE graduation requirement.
Prerequisite(s): Physical science or Biology of the Living Earth & Algebra 1. Students who have taken Molecular Biology for Global Health will be given priority.
This is a year-long class that will focus on Global Health as well as concepts and skills related to industry standards for a research lab or program of study. Continued emphasis upon disease. Key concepts involve working with DNA (isolation & purification, restriction digest, transformation, PCR, sequencing), Immunity, ELISA testing, Flow Cytometry, Bioinformatics, and 3D modeling of proteins. Students who successfully complete this program may be eligible to take a biotechnology credentialing exam in the spring. **This course meets the minimum college entrance for one credit of Algebra based science. This course meets college preparatory requirements for senior quantitative.**

Therapeutic Services

Sports Medicine 1

CTS201/202
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and 0.5 physical education equivalency credit
Sports Medicine 1 course will combine course work with physical, hands-on application, to help prepare students to explore opportunities in the therapeutic services pathway of health and human services professions. Skills and knowledge developed in the class will include first aid/CPR, blood-borne pathogens, soft tissue healing, therapeutic modalities, basic functional anatomy, medical terminology and injury prevention, identification, evaluation, treatment, and

rehabilitation. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information. CTE Dual credit with a B or better.**

Sports Medicine 2

CTS301/302
CTE/Dual Credit
Open to Grade(s): 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and 0.5 physical education equivalency credit Prerequisite: Sports Medicine 1
Sports Medicine 2 builds upon the foundation acquired from completion of Sports Medicine 1. Students will explore more in-depth content and career related opportunities in the therapeutic services pathway of health and human services. Sports Medicine 1 areas of focus in first aid/CPR, blood-borne pathogens, nutrition, strength and conditioning, sudden illness, medical terminology and injury prevention, identification, evaluation and treatment and rehabilitation will be reviewed, and new knowledge and skills will be gained. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 11 for more information. CTE Dual credit with a B or better.**

Skilled and Technical

All CADD students are eligible to apply for AJAC Youth Apprenticeship Program

Manufacturing Design

CADD Fundamentals

CTT101
CTE/Dual Credit
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit and counts toward 3rd year Art or Math graduation requirements.
This introductory Computer-Aided Drafting & Design (CADD) course provides career information and technical training to prepare students for all of the upper-level CADD and machining courses. Students will study principle CADD procedures and techniques, as related to the disciplines of drafting and design, and include freehand sketching, measurement systems, dimensioning, geometric construction, technical drawing, detailed 2D drawing and 3D modeling, and prototyping. Projects will focus on practical methods of conceptual and visual communication. **This course meets third year math requirements**

for high school graduation and can also be accepted for art credit. This CTE course may count as a third year of math if it follows your college and career plan. This course does not meet the college preparatory requirements for third year math (CADR page 11). College credit may be obtained if the course is completed with a C or better and the necessary paperwork is done. See page 8 for more information.

Advanced CADD/CAM 1

CTT201/202
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and counts toward Art or 3rd year Math graduation requirements.
Prerequisite: CADD Fundamentals
This course is for the advanced student who has completed CADD Fundamentals. It continues the study of the design process and use of Computer Aided Drafting (CAD) as a major design tool in the Engineering fields and industrial trades. This course will introduce students to the processes and operations associated with computer numerical controlled design by building on their CADD skills. Students will learn the basics of numerical control programming (CNC) through the use of computers and computer graphics, with an emphasis on fabrication and assembly of a product after the design phase is completed. Students will further expand their knowledge of visualizing in 3D, CNC machines, 3D printers, laser engravers, and hand tools to develop a broader understanding of advanced manufacturing processes and techniques. This course meets third year math requirements for high school graduation and can also be accepted for art credit. **This CTE course may count as a third year of math if it follows your college and career plan. This course does not meet the college preparatory requirements for third year math (CADR page 11). College credit may be obtained if the course is completed with a C or better and the necessary paperwork is done. See page 8 for more information.**

Advanced CADD/CAM 2

CTT301/302
CTE/Dual Credit
Open to Grade(s): 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit and counts toward Art or 3rd year Math graduation requirements.
Prerequisite(s): CADD/CAM I
This course is for advanced students who have completed CADD/CAM1. It continues the study of the design process and use of Computer Aided Drafting (CAD) as a major design tool. This course includes engineering and part design techniques, parametric solid modeling and design, tolerance specifications, documentation drawing, assembly

modeling and advanced rapid prototyping. This course meets third year math requirements for high school graduation and can also be accepted for art credit. **This CTE course may count as a third year of math if it follows your college and career plan. This course does not meet the college preparatory requirements for third year math (CADR page 11). College credit may be obtained if the course is completed with a C or better and the necessary paperwork is done. See page 8 for more information.**

Manufacturing Production

Shop 1: Shop Technologies

CTT105

Open to Grade(s): 9, 10, 11, 12
Length: 1 Semester
Credit(s): 0.5 CTE credit
This is an exploratory course focused on engineering and technology. Students will look at various technology systems, manufacturing processes and associated careers. Using demonstrations, hands-on activities and small projects, students learn how to apply STEM (science, technology, engineering, and mathematics) skills to real-world engineering problems.

SHOP 2: Construction Foundations

CTT215/216
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 CTE credit or Science
Prerequisite(s): Shop 1 Tech
Construction Foundations is a year-long introductory course designed to equip students with foundational skills in construction and manufacturing. This course provides hands-on, real-world learning experiences that emphasize safety, teamwork, and practical appli- cation. Students will gain essential knowledge in areas such as basic tool handling, reading blueprints, measurement, materials handling, and construction processes. The curriculum integrates industry-relevant skills, preparing students for entry-level opportunities in construction or further specialized training. By the end of the course, students will have a strong understanding of construction basics, enabling them to contribute effectively to a construction project environment. **A Core Plus Construction certificate is available to students upon completing 180 hours of class instruction.**

SHOP 3: Fabrication Lab

CTT401/402
Open to Grade(s): 11, 12
Length: 1 Year

Credit(s): 1.0 CTE credit or Science
Prerequisite(s): Construction Foundations or Advanced CADD/CAM or instructor signature
In this course participants will produce a project combining concepts learned in previous manufacturing and design course work. Introduction to planning, scheduling, cost estimating, and advanced production processes are integral to this class. Emphasis will be placed on creativity, design, digital graphics work, and automated machine proficiency. Completion of this class will provide the student with a sequential work portfolio. This course may be repeated.

Welding Science

CTT217
Open to Grades: 10, 11, 12
Length: 1 Semester
Credits: 0.5 CTE credit/0.5 3rd year science credit.
Prerequisite: Shop Tech
In this course students will: Use advanced welding techniques and fabrication equipment to join, cut, bend, and manipulate metal components for industrial and artistic applications; Control fire and electricity to design, dismantle, and weld a wide range of metal products using the same equipment and techniques as industry leaders; Solve challenging problems using high-tech materials, machines, and techniques.

Arts, AV Technology-Visual Communications

Introduction to Digital Arts

CTA101
CTE/Dual Credit
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 Visual/Performing Art credit or 0.5 CTE credit
This introductory course explores the use of the Elements of Art and Principles of Design through computer graphic design, photography, and digital video. Students will be introduced to career opportunities in this field. Students will begin developing a portfolio of their work from the semester. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Photography 1

CTA202
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 semester

Credit(s): 0.5 credit counts toward both Art and **CTE graduation requirements.**
Photography 1 is a course covering topics including basic DSLR camera operation, digital photography editing, and workflow. Concepts such as depth of field, shutter speed, ISO and acceptable exposure will be introduced. Strong emphasis will be paid to aesthetic concerns including design and composition. Students will also have the opportunity to enter their work in local and national photography contests. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Photography 2

CTA302
CTE/Dual Credit
Open to Grade(s): 10, 11, 12
Length: 1 semester
Credit(s): 0.5 credit counts toward both Art and CTE graduation requirements.
Prerequisite(s): Photography 1
This course may be repeated for credit. Students will learn marketable skills such as portrait lighting and contest entry preparation. An emphasis will be placed on entering local, state and national photography contests. Extra time will be required outside of the normal school day. **College credit may be obtained if the course is completed with a B or better and the necessary paperwork is done. See page 8 for more information.**

Photography 3

CTA303
Open to Grade(s): 11, 12
Length: 1 semester
Credit(s): 0.5 credit counts toward both Art and CTE graduation requirements.
Prerequisite(s): Photography 1 and 2
This class is designed for serious photography students to continue improving technical and visual communication skills. Assignments focus on continued improvement of knowledge of lighting and portraiture, portfolio creation, contest entry, and personal gallery preparation. More independent projects such as shooting senior portraits, taking photos for school web pages, and covering special events. An emphasis will be placed on entering local, state, and national photography competitions. Students are advised that work time outside of class time is required.

Computer Graphics

CTA201
CTE/Dual Credit

Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 Visual/Performing Art credit or 0.5 CTE credit
Prerequisite: Introduction to Digital Arts
In this class, students will build on the skills that were taught in Introduction to Digital Arts by continuing to use Adobe software to take their design ability to a new level. Assignments will include real world designs for posters, t-shirts, tickets, and flyers for school and community events such as school dances, Night of the Arts and logo designs for clubs. This class will assist in building a portfolio of student design work.

Digital Video
CTA207
CTE/Dual Credit
Open to Grade(s): 9, 10, 11, 12
Length: 1 semester
Credit(s): 0.5 CTE credit or 0.5 Visual/Performing Art credit
Recommended: Introduction to Digital Arts
Digital Video is a one-semester course focused on the fundamentals of videography: the design and production of video. Students will gain hands-on experience with all aspects of the digital video creation process: preproduction (concept, story/message, script writing, storyboarding); production (shooting and sound); post-production (assembly and cut stages); and distribution. The last component of the class will be creating a digital portfolio to showcase their work as well as researching careers in the exciting digital videography field.

National Security – JROTC

Glacier Peak High School provides a course of instruction known as Leadership Education. These programs — Marine Corps Junior ROTC, Associated Student Body (ASB) classes, and Peer Tutoring, give students instruction and practical experience in leadership skills. Students are put in charge of other students and are given the opportunity to be leaders, influencing human behavior. These students learn traits, which are indispensable to success in any profession they may choose.

JROTC classes are held at Snohomish High School. Students interested in these classes must arrive at GPHS at 7:05 a.m. to catch a bus. Students return to GPHS at 8:20 a.m. Monday through Thursday and 8:00 am on Fridays. Students need to arrange this with their second period teacher for occasional tardies due to transportation.

JROTC Leadership courses may satisfy the Physical Education credit requirement. There is no military obligation to participate in JROTC, however students on a military graduation pathway are strongly encouraged to enroll.

JROTC Leadership Education 1 (1st Year cadet)

LDR 105/106
Open to Grade(s): 9, 10, 11, 12
Length: 1 year
Credit(s): 1.0 credit and counts towards both CTE and PE graduation requirements.
This is the first introductory Marine Corps Junior Reserve Officers Training Corps Program. The Marine Corps Junior Reserve Officers Training Corps Program (MCJROTC) is a full credit practical leadership course that emphasizes development of qualities of leadership, self-discipline, honor, courage and integrity. Citizenship training is emphasized throughout every aspect of the MCJROTC Program. In addition, Cadets are acquainted with basic military skills and 30 Marine Corps traditions. The MCJROTC curriculum is designed to enable Cadets in the development of standards, traits and skills that provide foundations to future success – regardless of future career field. Leadership objectives will be met by standard classroom instruction, physical fitness training, close order drill, marksmanship, community service and interscholastic competitions. Classes are integrated grades 9 through 12 to enhance the learning experience and to give Cadets the opportunity to assume positions of leadership amongst their peers to better develop their leadership skills.

JROTC Leadership Education 2 (2nd Year cadet)

LDR205/206
Open to Grade(s): 10, 11, 12
Length: 1 year
Credit(s): 1.0 credit and counts towards both CTE and PE graduation requirements. Prerequisite: Leadership Education 1
The is the second-year course for The Marine Corps Junior Reserve Officers Training Corps Program (MCJROTC). Students must take Leadership Education 1 before enrolling in this class. The Marine Corps Junior Reserve Officers Training Corps Program (MCJROTC) is a full credit practical leadership course that emphasizes development of qualities of leadership, self-discipline, honor, courage and integrity. Citizenship training is emphasized throughout every aspect of the MCJROTC Program. In addition, Cadets are acquainted with basic military skills and 30 Marine Corps traditions. The MCJROTC curriculum is designed to enable Cadets in the development of standards, traits and skills that provide foundations to future success – regardless of future career field. Leadership objectives will be met by standard classroom instruction, physical fitness training, close order drill, marksmanship, community service and interscholastic competitions. Classes are integrated grades 9 through 12 to enhance the learning

experience and to give Cadets the opportunity to assume positions of leadership amongst their peers to better develop their leadership skills.

JROTC Leadership Education 3 (3rd Year cadet)

LDR405/406
Open to Grade(s): 11, 12
Length: 1 year
Credit(s): 1.0 credit and counts towards both CTE and graduation requirements.
Prerequisite: Leadership Education 2
The is the third-year course for The Marine Corps Junior Reserve Officers Training Corps Program (MCJROTC). Students must take Leadership Education 2 before enrolling in this class. The MCJROTC is a full credit practical leadership course that emphasizes development of qualities of leadership, self-discipline, honor, courage and integrity. Citizenship training is emphasized throughout every aspect of the MCJROTC Program. In addition, Cadets are acquainted with basic military skills and 30 Marine Corps traditions. The MCJROTC curriculum is designed to enable Cadets in the development of standards, traits and skills that provide foundations to future success – regardless of future career field. Leadership objectives will be met by standard classroom instruction, physical fitness training, close order drill, marksmanship, community service and interscholastic competitions. Classes are integrated grades 9 through 12 to enhance the learning experience and to give Cadets the opportunity to assume positions of leadership amongst their peers to better develop their leadership skills.

JROTC Leadership Education 4 (4th Year cadet)

LDR505/506
Open to Grade(s): 12
Length: 1 year
Credit(s): 1.0 credit and counts towards both CTE and PE graduation requirement
Prerequisite Leadership Education 3
The is the fourth-year course for The Marine Corps Junior Reserve Officers Training Corps Program (MCJROTC). Students must take Leadership Education 3 before enrolling in this class. The Marine Corps Junior Reserve Officers Training Corps Program (MCJROTC) is a full credit practical leadership course that emphasizes development of qualities of leadership, self-discipline, honor, courage and integrity. Citizenship training is emphasized throughout every aspect of the MCJROTC Program. In addition, Cadets are acquainted with basic military skills and 30 Marine Corps traditions. The MCJROTC curriculum is designed to enable Cadets in the development of standards, traits and skills that provide foundations to future success – regardless of future career field. Leadership objectives will be met by standard classroom instruction, physical fitness training, close order drill, marksmanship, community service and interscholastic competitions. Classes are integrated grades 9 through 12 in order to enhance the

learning experience and to give Cadets the opportunity to assume positions of leadership amongst their peers to better develop their leadership skills.

Advanced Leadership Education/JROTC/Drill
DR305/306
Open to Grade(s): 9, 10, 11, 12 – Zero period
Length: 1 year
Credit(s): 1.0 credit and counts towards 1.0 General Elective or .5 Art and .5 PE or General Elective.
Prerequisite: Must be enrolled in a JROTC class and teacher recommendation**.**
Cadets meet 55 minutes per day, 5 days a week during zero period (6:00 am – 7:00 am). They learn and practice precision drill on either the "armed" or "unarmed" drill team. Cadets participate in the Northwest Drill and Rifle Conference. They compete for awards with 10 other high schools in western Washington. Students must maintain a 2.0 GPA to participate in drill meets.

G.P. Student Leadership

Leadership: The action or process of producing effects on the actions, behavior, opinions of another or others. Through student leadership one is empowered to make a positive difference, and ultimately a culture is changed.

Introduction to ASB Leadership
LDR101
Open to Grade(s): 9, 10, 11
Length: 1 semester
Credit(s): 0.5 Elective
This class is open to all students and is highly recommended for Class Officers, Class Senators, Club Officers, and/or Cheer staff. Students interested in developing skills in the areas of service leadership, communication, group process, self-awareness, and human relations should consider taking this course. Through active participation, students will apply acquired skills to student activities at Glacier Peak. Concepts will include character building, presentations, event planning, and much more. This course will prepare students for their future endeavors.

Advanced ASB Leadership
LDR301/302
Open to Grade(s): 10, 11, 12
Length: 1 semester or 1 year
Credit(s): 0.5 CTE Elective or 0.5 Elective credit

Prerequisite(s): Introduction to ASB Leadership or Leadership Advisor permission. Students may sign up for one semester or for a full year (2 semesters).
Students who wish to take this class for a full year should sign up for both semesters. This is a mandatory class for ASB Officers to take during their term of office. This class is highly recommended for Class Officers, ASB Senators, Club Officers and/or Cheer Staff. Advanced ASB Leadership is designed for student leaders who are committed, creative, assertive, organized and responsible. These students will be expected to facilitate and implement positive change by forming committees for school activities such as, but not limited to assemblies, homecoming, Senate, school, and community-improvement projects. In addition, students will be required to attend some of these activities beyond their regular school hours. **These semester-long leadership classes are dedicated to providing the knowledge, skills, and attitudes necessary to participate, contribute and succeed in today's society.**

Peer Tutoring Life Skills

LDR 202
Open to Grades: 10, 11, 12
Length: 1 Semester
Credit(s): 0.5 Elective
Peer Tutoring in the Life Skills classrooms is an excellent opportunity where students with and without disabilities work together in a variety of educational settings. Being a peer tutor encourages positive social interactions and social relationships to develop between students with and without disabilities. The peer tutor will become aware of various disabilities, learn to advocate for people with disabilities, and interact with the students 1:1 or in small groups. A peer tutor is given a letter grade whereas a TA is given a Satisfactory/Unsatisfactory(S/U). Peer Tutors will be encouraged to read the materials provided and keep a weekly journal to reflect on their experiences. Peer tutors are required to complete and submit assignments for a grade.

NOTE: Students interested in Peer Tutoring may also be interested in Unified PE listed in the Physical Education section.

Skills Center

A Choice High School

Sno-Isle TECH Skills Center, located near Paine Field in Everett, is a cooperative effort of 14 local school districts. The purpose of each program is to provide you with skills that will prepare you for entry-level jobs after graduation from high school or for related post high school education or training. Many students choose to obtain skill training so that they can earn more efficiently, as well as accrue experience hours, while they work their way through a four-year university in the field of their choice. For example, a registered Dental Assistant may earn $12 - $15/hour while pursuing a degree to become a dentist or orthodontist. That can be helpful with today's rising tuition costs!

All occupations are organized into six broad clusters or "pathways" based on tasks that are performed on the job. As students become more knowledgeable about themselves, they will tend to be more "comfortable" in one or two of the pathways. All Sno-Isle programs are found in one or more of the six pathways.

Students interested in attending Sno-Isle should have a good attendance record at their high school and should consider their level of interest in making a commitment to a particular program. This is especially important because the programs are at least one year in length. Some programs extend the offer to return for a second year to those students who consistently demonstrate leadership, have excellent attendance, and are motivated to succeed.

Application to Sno-Isle is made in the late fall of each year for entrance into fall of next year's classes. Application forms are available in November on the website at www.snoisletech.com. Sno-Isle works with your counselors to obtain your transcript and other records when you apply. Personal interviews for students submitting applications will be conducted at Sno-Isle and students are notified of their selection.

There are two sessions each day at Sno-Isle. The first session is from 7:55 to 10:25 each morning, and the students then return to their regular high school to attend afternoon classes. The second session is from 11:10 to 1:40 each afternoon with the students attending their regular classes at their regular high school in the morning. Transportation to Sno-Isle is provided by the district. Please note: some schools may attend Sno-Isle either in the AM Session, or the PM Session, but not both. Contact your counselor for more details.

Sno-Isle students complete their graduation requirements at their regular high school. Students can earn one and one- half credits each semester at Sno-Isle. Many Sno-Isle programs also offer core equivalency credit as well as free college credit opportunities. Students can receive more information by contacting their counselor.

Sno-Isle has articulation agreements with Everett Community College, Edmonds Community College, Everest College, Shoreline Community College, Lake Washington Institute of Technology and many other community and technical colleges in the area. Through these agreements, students successfully completing selected Sno-Isle programs may receive college credit or a waiver on some learning requirements in a variety of college classes. Anyone planning to receive college credit for a Sno-Isle course must check with the Sno-Isle instructor for specific program requirements.

Class Fees

Some classes have lab fees. If financial hardship is an issue for a student considering Sno-Isle TECH, please do not let this become a barrier. Scholarships are available to qualified students.

Additional fees, safety gear and uniforms may also be required. Fees are subject to change.

Sno-Isle TECH Programs

Career Pathway: Information Technology

Animation **XAN301/302**

Animation is an ever-expanding occupation! The primary goal of this course is to build the foundation necessary for students who want careers in animation for video game art or animation for film. Many topics are covered, including portfolio development, manual and 3D modeling, project management, storyboarding, rendering, and animation shorts.

Computers, Servers & Networking **XCS301/302**

Fee: $40.00

IT is one of the fastest growing industries in the world! Students work in an up-to-date lab setting, learning with a hands-on, problem- based approach. They learn to troubleshoot computers and networks, learn and develop for the Internet of Things, Raspberry Pi, and cloud computing.

Electronics Engineering Technology **XRE301/302**

Electronics - The technology that puts the E in Everything! Students will learn about components, circuit design, & programming. You will create at least two major projects focusing on understanding systems and troubleshooting. Use of test equipment & hands on tools is emphasized.

Video Game Design **XGA301/302**

Students learn to design & create video games using trigonometry and higher math, computer programming in C#, & 2D computer animation. Students work toward industry certifications such as Unity Certified Developer. Prerequisite of Algebra 1 is required.

Career Pathway: Science and Health

Dental Assisting **XDA301/302**

This is a blend of health, science, and people skills. Gain experience in skills such as teamwork, communication, & technical skills for your transition into a dental profession. Includes pre-clinical & clinical sciences, OSHA safety standards, & bloodborne pathogen train- ing. Prerequisite of Health & Biology is required.

Medical Assisting **XMS301/302**

Learn the language of healthcare providers, how to take blood pressure, temperature, pulse, respiration, height, & weight. Perform vision screening, surgical scrub, CPR/First Aid, and learn office skills & medical instruments. Prerequisite of Health & Biology is required.

Nursing Assistant **XHO301/302**

The successful student will complete the course with a Washington State Certification. Experience learning basic patient care in the classroom and lab and then provide that care to patients in a patient care setting. Students will be immediately employable after certification. Prerequisite of Health & Biology is required

Pharmacy Tech **XPT301/302**

This program will go over all the details needed to be successful in the field, while preparing you to take the state exam. Due to apprenticeship & testing requirements, this program is specific to seniors turning 18 on or before Aug. 31st the summer after program completion. Prerequisite of Algebra 1 & Health required.

Veterinary Assisting **XVA301/302**

Learn theory & skills needed in the field. Investigate animal careers & advanced schooling options. Gain experience through classroom activities & daily handling of our resident animals, in a setting that models industry work sites. Prerequisite of Health & Biology is required.

Career Pathway: Business, Marketing & Management

Cosmetology 1 (Sno-Isle TECH Campus) **XCM301/302**

Fee: $125.00

Students will practice basic cosmetology services such as hair analysis, cutting & coloring hair, temporary hair removal, wet & thermal styling, basic skin & nail care, safety measures, & decontamination control. Students will practice on mannequins, models, & each other. EvCC Cosmetology 2 is available for 12th grade students at EvCC campus.

EvCC Cosmetology 2 **XCO301/302**

Students enroll in the EvCC Cosmetology program. Sno-Isle TECH subsidizes a portion of the tuition if attaining a passing grade. Students are required to purchase their own beauty kit and IPad (See cost list for details). Training begins during fall quarter of 12th grade, continues through the 12th grade year, plus additional quarters to complete 1730 clock hours for a Washington state Cosmetology License. Students who take this class after completing Cosmetology 1 course (above) with a C or better, can transfer their hours, and save about $2500.00 allowing for a shorter completion time.

Culinary Arts Baking & Pastry **XCU303/304**

This program is designed to put students in the shoes of a professional baker/pastry chef by producing the baked goods for our on-site cafe & restaurant, as well as community catering events. Students will build an extensive repertoire of pastries from pies to cates to laminated pastries to breads.

Culinary Arts Management & Operations **XCU305/306**

Students will focus on customer service skills, inventory management, organization strategies, marketing techniques including food photography, and the logistics of restaurant management. Students will get to explore a deeper understanding of safety practices & sanitation in the food & hospitality industry.

Culinary Arts Production & Service **XCU301/302**

This program lets you experience working in a real restaurant-our own! This is a fast-paced, hands-on class with an emphasis on contemporary culinary techniques. Discover the fun of making wonderful food, providing professional service, & learning valuable, marketable skills. Learn what makes great food outstanding!

Fashion and Merchandising **XFM301/302**

Channel your sense of style & business savvy into a career! This program surveys the fashion industry with emphasis in retail, wholesale, manufacturing, textiles, & design. Develop your talents from designing a line of clothing, visual communication, social media & marketing, Ecommerce, & project management/event planning.

Career Pathway: Human Services

Criminal Justice **XCJ301/302**

Students will explore career opportunities within law enforcement and receive professional training in handcuffing, weaponless defense scenarios, lethal force decision making, & CPR/First Aid. Subject matter can be very intense, dealing with the complexity of morals, ethics, civil liberties, civil rights, cultural diversities, case law & current events.

Early Childhood Education **XEC301/302**

This program focuses on early childhood and para educator roles, students will have the chance to sit for the Para Educator Certification Exam and participate in STARS training. This is a satellite program hosted at Early Childhood Education facilities throughout various districts, please check with your counselor for district availability.

Fire Service Technology **XFT301/302**

If you want to be a Structural or Wildland Firefighter as well as develop your self-confidence, leadership and teamwork, then register for Fire Service Technology! This program follows the I.F.S.T.A. Essentials curriculum while teaching current firefighting skills. Students will have class time as well as practice field & drill activities in full gear.

Career Pathway: Trade & Industry

Advanced Manufacturing **XMT301/302**

Almost everything was made by a machinist or with tools made by machinists! Students plan and make precision finished parts from raw material using lathes, mills, and CNC machines. This can be the beginning of a great career or a vital stepping-stone toward many college degree careers. Students will also practice with 3D printing.

Aerospace Manufacturing & Maintenance Technology **XAM301/302**

This program provides basic training in aircraft assembly & maintenance. Students will focus on safety, tool identification & proper use, and technical skills - drilling, deburring, riveting and fastener installation on aluminum & titanium. Students will prepare for entry level positions at local aerospace companies & training/college programs.

Auto Body/Collision Repair **XAU301/302**

Students will focus on safety, tool identification & proper use, vehicle construction, minor body repair, sanding, painting components & techniques, estimating damaged vehicles, welding, and other technical skills. This program includes the use of I-CAR professional training and certification.

Automotive Technology **XAT301/302**

This industry is actively recruiting! Students will have the opportunity to learn shop safety, how various automotive systems work, basic electrical, and more, following ASE tasks & guidelines. Students will work in a well-equipped full-sized shop housing 9 lifts, specialized shop equipment, and ample room for projects.

Construction Trades **XCT301/302**

There is a high demand for a skilled workforce in the construction field. The mission is to prepare students to gain employment, apprenticeship, and/or acceptance to post-secondary education. Students have class time and shop time every day and complete many projects ranging from planter boxes to tiny homes.

Diesel Power Technology **XDM301/302**

This program prepares students for an entry level position in the heavy-duty industry. While working with actual trucks & equipment, students learn 7 areas of study. With changes in environmental regulations & safety, there is an emphasis on technology & diagnostics.

Maritime Vessel Operations (MVO)

This program combines basic and career skills training, hands-on experience, and a comprehensive curriculum covering navigational watch training, crowd management, safe boat handling, firefighting, first aid, engine theory, and marine electrical systems.

Welding & Metal Fabrication **XWE301/302**

This industry-based shop environment is designed for the student who would like to receive a general metal working background as a foundation for continuing education or a living-wage career. Welding, fabrication & safety are taught with a blend of lecture, assignments, & hand-on competencies.

Credits

High School Equivalency: These are high school credits that align with the core of the program such as art, English, math, science, etc. Students can use equivalency credits to help meet graduation requirements. (See pages 63 & 64 for equivalencies)

Dual College Credit and College In the High School: These are college credits that are earned through various local partnered colleges during their time at Sno-Isle TECH, free of charge to the student. This gives the student and excellent head start in their college career!

Industry Certification: These help the student become qualified for work directly after completion of the program!

Visit our website to find out what your program offers.

HOW TO APPLY

Sno-Isle TECH is a tuition-free public technical high school for Juniors and Seniors within Snohomish County and South Island County. Students who are interested in attending will apply during their Sophomore or Junior year in order to attend the following Fall. Glacier Peak students will attend during the PM session (11:10 AM-1:40 PM) for the entirety of the school year. Transportation is provided by our school district. Applications are made online at snoisletech.com. Watch the Sno-Isle website and social media for information on our Open House and when applications will open. Just click “Apply Now” to get started!

Contact Information

Sno-Isle Tech Skills Center

9001 Airport Road

Everett, WA 98204

Phone: 425.348.2220

Email: SCinfo@Mukilteo.Wednet.EDU

Sessions

A.M. 7:55-10:25 a.m.

P.M. 11:10 a.m.- 1:40 p.m.

Index: Courses by Department

Course Name	Course Code	Page	Grade	Fee	Term	Pre-Req	Credit/ Equivalency
Arts: Visual and Performing							
Art 1: Introduction to Art	FAV101	13	9-12		Semester		Art
Art 2: Drawing Painting	FAV201	13	9-12	$20.00	Semester	Yes	Art
Art 3: Advanced Art	FAV301 FAV302	13	10-12	$40.00	Year	Yes	Art
Art 4: AP Art	FAV601 FAV602	14	11-12	$60.00	Year	Yes	Art
CADD Fundamentals	CTT101	68	9-12*		Semester		Art/CTE/3rd year math
CADD/CAM I Advanced	CTT201 CTT202	69	10-12		Year	Yes	Art/CTE/3rd year math
CADD/CAM II Advanced	CTT301 CTT302	69	11-12		Year	Yes	Art/CTE/3rd year math
Ceramics 1	FAV205	15	9-12		Semester	Yes	Art
Ceramics 2	FAV305	15	10-12	$35.00	Semester	Yes	Art
Ceramics 3	FAV405	15	10-12	$35.00	Semester	Yes	Art
Computer Graphics	CTA201	72	9-12		Semester	Yes	Art/CTE
Crafts	FAV102	14	9-12	$20.00	Semester		Art
Digital Video	CTA207	73	9-12		Semester	recommended	Art/CTE

Course Name	Course Code	Page	Grade	Fee	Term	Pre-Req	Credit/ Equivalency
Interior Design	CTF205	66	9-12		Semester		*Art/CTE
Introduction to Digital Arts	CTA101	71	9-12		Semester		Art/CTE
Photography 1	CTA202	71	10-12		Semester		Art/CTE
Photography 2	CTA302	72	10-12		Semester	Yes	Art/CTE
Photography 3	CTA303	72	10-12		Semester	Yes	Art/CTE
GP Student Media	CTA203 CTA204	63	9-12		Year		Art/CTE/Elective or Sr. English
Arts: Music							
Advanced Jazz Band	FAB405 FAB406	16	9-12		Year	Yes	Art
Concert Band	FAB101 FAB102	16	9-12		Year		Art
Intermediate Jazz Band	FAB305 FAB306	16	9-12		Year	Yes	Art
Percussion Ensemble	FAB301 FAB302	17	9-12		Year	Yes	Art
Symphonic Band	FAB201 FAB202	17	9-12		Year	Yes	Art
Wind Ensemble	FAB401 FAB402	18	9-12		Year	Yes	Art
Arts: Choir							
Concert Choir	FAC101 FAC102	18	9-12	Yes	Year		Art
Symphonic Choir	FAC301 FAC302	19	10-12	Yes	Year	Yes	Art
Jazz Choir	FAC303FAC 304	19	9-12	Yes	Year	Yes	Art

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
Career and Technical Education							
CTE: Agriculture, Food and Natural Resources							
Advanced Animal Biology	SCI331 SCI332	45	10-12		Year	Yes	Sci/CTE
Animal Biology	SCI231 SCI232	45	9-12		Year		Sci/CTE
CTE: Business and Marketing							
Advanced Marketing (DECA)	CTB303 CTB304	59	10-12		Year	Yes	CTE
AP Computer Science A	CTT601 CTT602	64	10-12		Year	*	CTE/3rd year math
AP Computer Science Principles	CTT605 CTT606	64	9-12		Year		CTE/3rd year science
AP Microeconomics / AP Macroeconomics	CTB601 CTB602	62	10-12		Year		CTE/SS
Business Math	CTB307 CTB308	61	10-12		Year	Yes	CTE/3rd Year Math
Entrepreneurship (DECA)	CTB403 CTB404	60	12		Year	Yes	CTE
Introduction to Business Management	CTB102	61	9-12		Semester		CTE
Introduction to Computer Science Principles	CTT111	64	9-12		Semester		CTE

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
Introduction to Marketing/ DECA	CTB103 CTB104	59	9-12		Year		CTE
Law and Business Ethics	CTB107	61	9-12		Semester		CTE/SS/English
Personal Finance	CTB201	62	10-12		Semester		CTE /3rd yr Math
Sports and Entertainment Marketing	CTB203 CTB204	60	10-12		Year	Yes	CTE
GP Student Media	CTA203 CTA204	63	9-12		Year	*	Art/CTE/English
Work Site Learning Agriculture	WSA301	63	11-12		Semester		CTE
Work Site Learning Business & Marketing	WSB301	63	11-12		Semester		CTE
Work Site Learning Family & Consumer Science	WSF301	63	11-12		Semester		CTE
Work Site Learning Health	WSH301	63	11-12		Semester		CTE
Work Site Learning Skilled & Technical	WSS301	63	11-12		Semester		CTE
CTE: Family and Consumer Science							
Culinary Essentials I	CTF101	65	9-12		Semester		CTE
Culinary Essentials II	CTF301	65	9-12		Semester	Yes	CTE
Interior Design	CTF205	66	9-12		Semester	*	CTE/Art
International Cuisine	CTF202	65	9-12		Semester	Yes	CTE
CTE: Health Science							
Advanced Molecular Biology for Global Health	SCI411 SCI412	44	11-12		Year	Yes	CTE/Science
Molecular Biology for Global Health	SCI311 SCI312	44	10-12		Year	Yes	CTE/Science
Sports Medicine 1	CTS201 CTS202	67	10-12		Year		CTE or 0.5 PE

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
Sports Medicine 2	CTS301 CTS302	68	11-12		Year	Yes	CTE or 0.5 PE
CTE: Skilled and Technical							
Advanced CADD/CAM I	CTT201 CTT202	69	10-12		Year	Yes	CTE/Art/3rd year math
Advanced CADD/CAM II	CTT301 CTT302	69	11-12		Year	Yes	CTE/Art/3rd year math
Computer Graphics	CTA201	72	9-12		Semester	Yes	CTE/Art
Computer-Aided Drafting & Design Fundamentals (CADD)	CTT101	69	9-12*		Semester		CTE/Art/3rd year math
Digital Video	CTA207	73	9-12		Semester	*	CTE/Art
Introduction to Digital Arts	CTA101	71	9-12		Semester		CTE/Art
JROTC Leadership Education 1 (1st year cadet)	LDR105 LDR106	74	9-12		Year		CTE/PE
JROTC Leadership Education 2 (2nd year cadet)	LDR205 LDR206	74	10-12		Year	Yes	CTE/PE
JROTC Leadership Education 3 (3rd year cadet)	LDR405 LDR406	74	11-12		Year	Yes	CTE/PE
JROTC Leadership Education 4(4th year cadet)	LDR505 LDR506	74	12		Year	Yes	CTE/PE
JROTC Leadership Education Advanced Drill	LDR305 LDR306	74	9-12		Year	Yes	CTE/PE/.5 Art
Photography 1	CTA202	71	10-12		Semester		CTE/Art
Photography 2	CTA302	72	10-12		Semester	Yes	CTE/Art
Photography 3	CTA303	72	11-12		Semester	Yes	CTE/Art
Shop 1 - Shop Tech	CTT105	70	9-12		Semester		CTE
Shop 2- Construction Foundations	CTT205 CTT206	70	10-12		Year	Yes	CTE/Science
Shop 3 – Fabrication Lab	CTT401	70	11-12		Year	Yes	CTE/Science

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
Welding Science	CTT217	71	10-12		Semester	Yes	CTE/3rd year Science
English							
AP English Language & Composition	ENG601 ENG602	23	11		Year		English
AP English Literature & Composition	ENG605 ENG606	24	12		Year		English
British Literature	ENG405	24	11-12		Semester	*	English
Creative Writing	ENG401	25	10-12		Semester		English
English 9	ENG101 ENG102	21	9		Year		English
Honors English 9	ENG191 ENG192	22	9		Year	*	English
English 10	ENG201 ENG202	22	10		Year		English
Honors English 10	ENG291 ENG292	22	10		Year	*	English
English 11	ENG301 ENG302	23	11		Year		English
Modern Fiction	ENG407	25	11-12		Semester		English
Multicultural Literature	ENG435	25	11-12		Semester		English
Mythology in Literature	ENG408	26	11-12		Semester		English
Science Fiction	ENG410	26	11-12		Semester		English
Leadership Education							
Advanced ASB Leadership	LDR301 LDR302	76	10-12		Semester/ Year	Yes	CTE/Elective
Introduction to ASB Leadership	LDR101	76	9-12		Semester		Elective
Peer Tutoring Life Skills	LDR202	77	10-12		Semester	Yes	Elective

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
Math							
Algebra 1	MAT111 MAT112	29	9-12		Year		Math
Algebra 2 w/Trig	MAT321 MAT322	30	9-12		Year	Yes	Math
AP Calculus AB	MAT605 MAT606	31	11-12		Year	Yes	Math
AP Calculus BC	MAT607 MAT608	31	11-12		Year	Yes	Math
AP Statistics	MAT601 MAT602	32	11-12		Year	Yes	Math
Geometry	MAT211 MAT212	29	9-12		Year	Yes	Math
Math in Society	MAT351 MAT352	30	9-12		Year	Yes	Math
Precalculus	MAT401 MAT402	31	9-12		Year	Yes	Math
PHYSICAL EDUCATION & HEALTH							
Foundations of Physical Education	PEH101	33	First PE 9-12		Semester		PE
Functional Fitness	PEH108	33	9-12		Semester	Yes	PE
Health Education	PEH201	36	9		Semester		Health
Racquet Sports	PEH104	34	9-12		Semester	Yes	PE
Sports Medicine 1	CTS201 CTS202	67	10-12		Year		CTE and 0.5 PE
Sports Medicine 2	CTS301 CTS302	67	11-12		Year	Yes	CTE and 0.5 PE
Strength Training	PEH109	34	9-12		Semester	Yes	PE
Team Sports	PEH105	34	9-12		Semester	Yes	PE
Unified PE	PEH111	35	9-12		Semester	Yes	PE
Walk Fit	PEH106	35	9-12		Semester	Yes	PE

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
Yoga Fit	PEH107	35	9-12		Semester	Yes	PE
SCIENCE							
Advanced Animal Biology	SCI331 SCI332	45	10-12		Year	Yes	Sci/CTE
Advanced Molecular Biology for Global Health	SCI411 SCI412	44	11-12		Year	Yes	Sci/CTE
Animal Biology	SCI231 SCI232	44	9-12		Year		Sci/CTE
AP Biology	SCI601 SCI602	41	10-12	$25.00	Year	Yes	Sci
AP Chemistry	SCI605 SCI606	42	10-12	$25.00	Year	Yes	Sci
AP Computer Science Principles	CTT605 CTT606	42	9-12		Year	*	CTE/3rd year science
AP Physics	SCI613 SCI614	38	11-12		Year	Yes	Sci
Biology of the Living Earth	SCI211 SCI212	38	9-12		Year		Sci
General Chemistry	SCI351 SCI352	39	9-12		Year	Yes	Sci
Chemistry of Earth Systems	SCI301 SCI302	38	10-12		Year	Yes	Sci
Environmental Science	SCI365 SCI366	41	10-12	$15.00	Year	Yes	Sci
Forensic Science	SCI405	43	11-12	$10.00	Semester	Yes	Sci
Human Anatomy and Physiology	SCI315 SCI316	43	11-12	$15.00	Year	Yes	Sci
Marine Biology	SCI406	43	11-12	$15.00	Semester	Yes	Sci
Molecular Biology for Global Health	SCI311 SCI312	44	10-12		Year	Yes	Sci/CTE
Physics of the Universe	SCI401 SCI402	39	11-12		Year	Yes	Sci
Welding Science	CTT217	71	10-12		Semester	Yes	CTE/3rd year science

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
SOCIAL STUDIES							
AP Comparative Government	SOC613 SOC614	50	12		Year		SS
AP Microeconomics / AP Macroeconomics	CTB601 CTB602	51	10-12		Year		SS/CTE
AP US Government and Politics	SOC609 SOC610	50	12		Year		SS
AP U.S. History	SOC605 SOC606	48	11		Year	*	SS
AP World History	SOC601 SOC602	48	10		Year	*	SS
Contemporary World Issues	SOC407	49	12		Semester		SS
Civics	SOC406	49	12		Semester		SS
Law and Business Ethics	CTB107	51	9-12		Semester		SS/CTE/Sr Eng
Modern World History	SOC201 SOC202	47	10		Year		SS
Psychology of the Self	SOC211	51	11-12		Semester		SS/Elective
United States History	SOC301 SOC302	48	11		Year		SS
WORLD LANGUAGES							
Chinese 1	WLC101 WLC102	53	9-12		Year		World Language
Chinese 2	WLC201 WLC202	53	9-12		Year	Yes	World Language
Chinese 3	WLC301 WLC302	54	9-12		Year	Yes	World Language
Chinese 4	WLC401 WLC402	54	9-12		Year	Yes	World Language
German 1	WLG101 WLG102	54	9-12		Year		World Language
German 2	WLG201 WLG202	55	9-12		Year	Yes	World Language

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
German 3	WLG301 WLG302	55	9-12		Year	Yes	World Language
German 4	WLG401 WLG402	55	9-12		Year	Yes	World Language
Spanish 1	WLS101 WLS102	56	9-12		Year		World Language
Spanish 2	WLS201 WLS202	56	9-12		Year	Yes	World Language
Spanish 3	WLS301 WLS302	56	9-12		Year	Yes	World Language
Spanish 4	WLS401 WLS402	57	9-12		Year	Yes	World Language
Sno-Isle Skills Center -- application for program required							
Advanced Manufacturing	XMT301 XMT302	68	11-12		Year		CTE/Math/ Science
Aerospace Manufacturing	XAM301 XAM302	82	11-12		Year		CTE/Science/ English/3rd year Math
Animation	XAN301 XAN302	80	11-12		Year		CTE/Arts/ Geometry
Auto Body/Collision Repair	XAU301 XAU302	82	11-12		Year		CTE/Art
Automotive Technology	XAT301 XAT302	82	11-12		Year		CTE/English/ Science
Computers, Servers, and Networking	XCS301 XCS302	80	11-12	$40.00	Year		CTE/English
Construction Trades (Core Plus)	XCT301 XCT302	82	11-12		Year		CTE/Science/ English/3rd year math
Cosmetology (Sno-Isle Campus)	XCM301 XCM302	81	11-12	$125.00	Year	Yes	CTE
Cosmetology 2 (EvCC Campus)	XCO301 XCO302	81	12		Year		CTE
Criminal Justice	XCJ301 XCJ302	81	11-12		Year		CTE/PE
Culinary Arts Baking & Pastry	XCU303 XCU304	81	11-12		Year		CTE/Lab Science
Culinary Arts Management & Operations	XCU305 XCU306	81	11-12		Year		CTE/Lab Sceince

Course Name	Course Code	Page	Grade	Fee	Term	Pre- Req	Credit/ Equivalency
Culinary Arts Production & Service	XCU301 XCU302	81	11-12		Year		CTE/Lab Science
Dental Assisting	XDA301 XDA302	80	11-12		Year	Yes	CTE/Lab Science
Diesel Power Technology	XDM301 XDM302	82	11-12		Year		CTE
Early Childhood ED	XEC301 XEC302	81	11-12		Year		CTE/ELA
Electronics Engineering Technology	XRE301 XRE302	80	11-12		Year	Yes	CTE/Algebra 2
Fashion Merchandising	XFM301 XFM302	81	11-12		Year		CTE/Arts
Fire Service Technology	XFT301 XFT302	82	11-12		Year		CTE/ Science/PE
Maritime Vessel Operations		82	11-12		Year		CTE
Medical Assisting	XMS301 XMS302	80	11-12		Year	Yes	CTE
Nursing Assistant	XHO301 XHO302	80	11-12		Year	Yes	CTE/Lab Science
Pharmacy Tech	XPT301 XPT302	80	11-12		Year		CTE
Veterinary Assisting	XVA301 XVA302	81	11-12		Year	Yes	CTE/Lab Science
Video Game Design	XGA301 XGA302	80	11-12		Year		CTE/Geometry/ English
Welding/Metal Fabrication	XWE301 XWE302	82	11-12		Year		CTE
Everett Community College ORCA							
Ocean Technology 101							0.5 Environmental Science